

**United States House of Representatives
Committee on Appropriations**

Project Request Summary

General Information

Member

The Honorable Robert E. Latta

Staff Contact

Allison Witt

Phone Number

Email Address

allison.witt@mail.house.gov

Subcommittee, Agency and Account Information

Subcommittee

Energy and Water

Agency

Department of Energy

Account

Fossil Energy R&D - Fuels and Power Systems

Project Information

Project Name

Project Coal Gasification/Co-Generation Plant Project

Project Description

The project will construct an advanced coal gasification co-generation 5 mega-watt combustion turbine with a heat recovery steam generator using the gasification/hot gas cleanup process to more efficiently use a domestic fuel source and lessen our dependence on imported fuel in 2 ways: (1) to power a generation plant and(2) convert coal to gasoline fuel.

The project will construct a coal gasification co-generation 5MW combustion turbine with a heat recovery steam generator using the gasification/hot gas cleanup process. The process incorporates a proprietary integrated system for the conversion of coal to gases and for the hot cleanup of the gases which removes both particulate and sulfur components of the gaseous products. The yields are: (1) a syngas (syngas consists primarily of hydrogen, carbon monoxide, and very often some carbon dioxide, and has less than half the energy density of natural gas) suitable for further conversion to liquid fuel (e.g. methanol/gasoline); and (2) a lean gas suitable to fuel the combustion turbine of a combined cycle power generation plant with very low levels of nitrogen monoxide.

How does this project relate to the agency's mission?

This project more efficiently uses a domestic fuel source and lessens the US dependence on imported fuel

FY2009

President's Budget Request

\$0

Amount Requested

\$1,500,000

Intended Recipient

City of Bowling Green Department of Public Utilities

Intended Recipient of Funds

City of Bowling Green Department of Public Utilities

304 North Church Street

Bowling Green, OH 43402

Is the recipient a for-profit entity?

No

Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds)

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URL where this information will be posted (please put the address of the specific page)

http://latta.house.gov/app_sub.shtml

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Fiscal Year 2010**

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Information about your submission

ID	49226
Date/Time Submitted	Sat Apr 04 14:23:04 -0400 2009
Submitted from IP Address	143.231.147.8

Project Request Summary**General Information**

Member	The Honorable Robert E. Latta
Staff Contact	Allison Witt
Phone Number	6-4329
Email Address	allison.witt@mail.house.gov

Subcommittee, Agency and Account Information

Subcommittee	Energy and Water
Agency	Department of Energy
Account	Fossil Energy R&D - Fuels and Power Systems

Project Information

Priority	14th
Project Name	Project Coal Gasification/Co-Generation Plant Project

Project Description	<p>The project will construct an advanced coal gasification co-generation 5 mega-watt combustion turbine with a heat recovery steam generator using the gasification/hot gas cleanup process to more efficiently use a domestic fuel source and lessen our dependence on imported fuel in 2 ways: (1) to power a generation plant and(2) convert coal to gasoline fuel. The project will construct a coal gasification co-generation 5MW combustion turbine with a heat recovery steam generator using thegasification/hot gas cleanup process. The process incorporates a proprietary integrated system for the conversion of coal to gases and for the hot cleanup of the gases which removes both particulate and sulfur components of the gaseous products. The yields are: (1) a syngas (syngas consists primarily of hydrogen, carbon monoxide, and very often some carbon dioxide, and has less than half the energy density of natural gas) suitable for further conversion to liquid fuel (e.g. methanol/gasoline); and (2) a lean gas suitable to fuel the</p>
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combustion turbine of a combined cycle power generation plant with very low levels of nitrogen monoxide.

Legal Citation
for Project
Authorization

This project more efficiently uses a domestic fuel source and lessens the US dependence on imported fuel

FY2008

President's

Budget

\$0

Request

Amount

Requested

\$1,500,000

Intended

Recipient

City of Bowling Green Department of Public Utilities

Add another project

Review existing requests (requires username and password)

US House of Representatives, Committee on Appropriations, 2007-2009. This work governed by 17 USC 105.