



**NATIONAL ENERGY TECHNOLOGY LABORATORY**  
Albany, OR • Morgantown, WV • Pittsburgh, PA



January 27, 2011

MEMORANDUM FOR MARK J. MATARRESE  
DIRECTOR, OFFICE OF ENVIRONMENT, SECURITY, SAFETY  
AND HEALTH

FROM: R. PAUL DETWILER   
ACTING DIRECTOR, ENVIRONMENTAL COMPLIANCE  
DIVISION

SUBJECT: Annual National Environmental Policy Act (NEPA) Planning Summary  
for 2011

The attached documents comprise the 2011 Annual NEPA Planning Summary for the National Energy Technology Laboratory. The information is presented according to the guidance and formats provided by DOE's NEPA office.

As required by the Order 451.1B, the Annual NEPA Planning Summary will be made available to the public. Please contact me for any additional information regarding NETL's NEPA plans.

**Attachments**

**Distribution:**

A. Cugini  
S. Klara  
B. Tomer

**Site-Wide NEPA Review**  
***National Energy Technology Laboratory***  
***January 2011***

The National Energy Technology Laboratory (NETL) evaluated the need for and value of preparing a site-wide environmental impact statement or environmental assessment for its six sites: Morgantown, WV; Pittsburgh, PA; Albany, OR, Anchorage and Fairbanks, AK, and Sugar Land, TX. Based on this evaluation using the criteria identified below, NETL determined that a site-wide NEPA analysis for these sites is not necessary and would not facilitate identification or consideration of potential environmental impacts regarding NETL's activities at these locations.

Background

NETL is the only DOE national lab dedicated to achieving the nation's strategic goals regarding fossil energy research and development. It also provides significant NEPA and other programmatic support to the Office of Energy Efficiency and Renewable Energy and the Office of Electricity Delivery and Energy Reliability. NETL's six sites are located in Morgantown, WV; Pittsburgh, PA; Albany, OR; Anchorage and Fairbanks, AK; and Sugar Land, TX. The Morgantown and Pittsburgh facilities are 65 miles apart and cover 136.9 acres and 61.4 acres, respectively. These two sites currently have a total of 80 permanent or temporary buildings and over 800,000 gross square feet of building area. The Albany site has 39 buildings (approximately 230,000 square feet of total space) on a 43-acre facility. The Anchorage, Fairbanks and Sugar Land facilities are involved primarily in technical program management functions and are housed in leased office space. In total, these sites have 119 government-owned buildings and trailers providing 1.05 million gross square feet of space. The average age of active NETL buildings is 41 years. The Replacement Plant Value (RPV) of the facilities is \$465 million.

NETL's activities at its sites include procurement, project management, analysis, and contract monitoring of off-site research and development (R&D) projects; and conducting R&D and supporting administrative functions. On-site research is conducted at NETL's Morgantown, Pittsburgh, and Albany sites. NETL's Fairbanks site operates from University of Alaska offices and conducts no on-site research.

All projects and activities – whether conducted by NETL or funded by the laboratory through various forms of financial assistance – are subject to NEPA review and evaluation prior to a decision on whether to undertake the project. With rare exceptions involving on-site construction activities, the projects conducted by NETL at its facilities typically qualify for one or more categorical exclusions under DOE's NEPA regulations.

NETL's on-going operational research and maintenance activities at its sites consist of small projects that vary in type but generally not in size or scale. New projects implemented at NETL typically fall into categories of actions that the Department has determined are within classes that do not individually or cumulatively have a significant impact on the environment. For the foreseeable future, this situation is expected to continue.

As part of NETL's Environmental Management System (EMS), which is certified under ISO 14001:2004, research and maintenance activities at the Morgantown, Pittsburgh, and Albany sites are scored with respect to environmental aspects and potential impacts. These scores are used to set environmental performance objectives for the site, which are tracked through individual Environmental Action Plans. NETL's EMS is audited periodically to ensure on-going conformance with stated objectives and with the ISO standard.

In addition to internal and external audits conducted pursuant to ISO 14001, the totality of all research and maintenance activities at the Morgantown, Pittsburgh and Albany sites is periodically examined as part of planning and performance analysis processes. In these evaluations, the collective environmental consequences of activities at each site have been determined to be insignificant. Further, NETL does not maintain any permanent storage or disposal areas on these sites that could potentially become sources of significant impacts.

### Efficiency

NETL's intramural research activities, as determined on an annual basis, are typically covered by categorical exclusions (CXs) listed in Appendices A and B of 10 CFR Part 1021 and can be efficiently evaluated individually and collectively without reliance on a site-wide review. Owing to their smaller scope and limited impacts, these on-site research activities are excluded from the more detailed reviews required under Appendices C and D of Part 1021.

### Tiering

A site-wide NEPA document would not preclude the need for annual reviews of the scope and nature of individual research and other projects at NETL's sites. Due to the relatively small scale and variety of on-site activities, supplemental reviews of activities that typically qualify for categorical exclusion would not result in a less complex analysis.

### Segmentation and Cumulative Effects

Research projects at NETL typically consist of distinct experimental activities of a nature determined by the Department to be categorically excluded from environmental assessment or environmental impact statement reviews. These activities are independently evaluated on an annual basis to ensure that they are stand-alone activities and not segments of larger activities that would trigger a more extensive level of review. In addition, no local off-site environmental stresses or developments of a significant nature result from NETL's on-site research activities. Thus, no conditions exist where cumulative environmental effects or impacts could become a concern.

The Albany site is currently investigating shallow groundwater contamination that resulted from an historic spill of trichloroethylene. This release was reported to the Oregon Department of Environmental Quality, and extensive sampling and characterization has been conducted to date and made available for public review. The situation is stable, and would not benefit from review under NEPA.

### Land Use Planning

Activities at the Pittsburgh site occur at the 239-acre Bruceeton Research Center; a Federal research site located approximately 13 miles south of Pittsburgh. Of these 239 acres, NETL is landlord of 61.4 acres, of which approximately 40 acres are developed. Activities at the Morgantown site occur on approximately 35 developed acres situated on a 137-acre site of which DOE is the sole landlord. The Albany site consists of a small 42-acre campus. The activities conducted at Fairbanks occur on the campus of the University of Alaska. The activities NETL conducts in Anchorage and Sugar Land occur in leased office space.

NETL's sites at Morgantown, Pittsburgh, and Albany are bordered by developed residential areas. Research operations at all three sites are conducted in numerous buildings. Although these activities may change in scope on an annual basis, the scale of these activities is relatively constant. Thus, the available research facilities are such that NETL does not anticipate any reasonably foreseeable need for additional site development or alternative land use that could be facilitated by environmental planning through a site-wide NEPA review.

### Public Participation

NETL maintains public contacts and regularly solicits input regarding on-site activities. Community interest groups and neighborhood association meetings are used to obtain information on community interests and concerns, and NETL uses this information to enhance communications for a broader understanding and greater acceptance of site activities.

Local media solicitations and announcements are used to obtain public input. In addition, NETL periodically supplements the on-going public interactions through open-house meetings where members of the public can observe NETL's operations first-hand and participate in discussions of NETL's activities.

### Conclusion

Based on the above considerations, we have concluded that a site-wide NEPA review for the National Energy Technology Laboratory would not aid in streamlining the NEPA process, would not provide additional value to DOE decision-makers or the public, and would not reduce the time and cost of preparing other NEPA documents. Thus, NETL does not plan to conduct a site-wide NEPA review. This conclusion is bolstered by the large amount of NEPA work NETL has underway to support the objectives of the American Recovery and Reinvestment Act of 2009 – preparing a site-wide assessment for NETL would draw resources and attention away from this vital effort.

# Annual NEPA Planning Summary

## Environmental Assessments Ongoing or Expected to be Prepared in the Next 12 Months

National Energy Technology Laboratory (NETL)

1/26/2011

Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description
Carbon Dioxide Capture from Biofuels Production and Sequestration into the Mount Simon Sandstone Phase II Project, Archer Daniels Midland Co. (ADM), Decatur, Illinois, DOE/EA-1828	Third party, cost shared with DOE	EA Determination Date:	8/18/2010	ARRA: DE-FOA-0000015 - Recovery Act: Carbon Capture and Sequestration (CCS) from Industrial Sources and Innovative Concepts for Beneficial CO2 Use (Area One). DOE/EA-1828
		Transmittal to State:	2/1/2011	
		EA Approval:	3/31/2011	
		FONSI:	3/31/2011	
Demonstration of Carbon Dioxide Capture and Sequestration of Steam Methane Reforming Process Gas Used for Large-Scale Hydrogen Production, Air Products & Chemicals, Inc. (APCI), Port Arthur, Texas, DOE/EA-1846	Third party, cost shared with DOE	EA Determination Date:	11/9/2010	ARRA: DE-FOA-0000015 - Recovery Act: Carbon Capture and Sequestration (CCS) from Industrial Sources and Innovative Concepts for Beneficial CO2 Use (Area One). DOE/EA-1846
		Transmittal to State:	7/1/2011	
		EA Approval:	8/1/2011	
		FONSI:	8/1/2011	
Phase II ICCS Initiative Funding Award for Phycal, L.L.C., O'ahu, Hawaii, DOE/EA-1829	Third party, cost shared with DOE	EA Determination Date:	8/25/2010	ARRA: DE-FOA-0000015 - Recovery Act: Carbon Capture and Sequestration (CCS) from Industrial Sources and Innovative Concepts for Beneficial CO2 Use (Area Two). DOE/EA-1829
		Transmittal to State:	2/1/2011	
		EA Approval:	3/30/2011	
		FONSI:	3/31/2011	
Phase II ICCS Initiative Funding for Skyonic Corporation, San Antonio, Texas, DOE/EA-1830		EA Determination Date:	8/25/2010	ARRA: DE-FOA-0000015 - Recovery Act: Carbon Capture and Sequestration (CCS) from Industrial Sources and Innovative Concepts for Beneficial CO2 Use (Area Two). DOE/EA-1830. On hold.
		Transmittal to State:	TBD	
		EA Approval:	TBD	
		FONSI:	TBD	
Phase II ICCS Initiative Funding Award for Calera Corporation, Moss Landing, California, DOE/EA-1831	Third party, cost shared with DOE	EA Determination Date:	8/25/2010	ARRA: DE-FOA-0000015 - Recovery Act: Carbon Capture and Sequestration (CCS) from Industrial Sources and Innovative Concepts for Beneficial CO2 Use (Area Two). DOE/EA-1831
		Transmittal to State:	TBD	
		EA Approval:	TBD	
		FONSI:	TBD	
Alcoa, Inc. DOE/EA-xxxx (TBD)	TBD	EA Determination Date:	TBD	ARRA: DE-FOA-0000015 - Recovery Act: Carbon Capture and Sequestration (CCS) from Industrial Sources and Innovative Concepts for Beneficial CO2 Use (Area Two). Conditional CX issued for beginning portion of project. To be determined if CX or EA will be needed for remainder of project.
		Transmittal to State:	TBD	
		EA Approval:	TBD	
		FONSI:	TBD	

1/28/2011

Chem Metall Foote Electric Drive Vehicle Battery and Component Manufacturing Initiative, Kings Mountain, North Carolina and Silver Peak, Nevada, DOE/EA-1715	\$48,000 (DOE EA completed 9/2010)	EA Determination Date:	1/2009	ARRA: DE-FOA-0000026 - Recovery Act: Electric Drive Vehicle Battery and Component Manufacturing Initiative. DOE/EA-1715. DOE EA complete. Numerous Bureau of Land Management (BLM) EAs ongoing.
		Transmittal to State:	5/9/2010	
		EA Approval:	9/22/2010	
		FONSI:	9/22/2010	
Environmental Assessment Determination for Delphi Automotive System's Proposed Project Under the Electric Drive Vehicle Battery and Component Manufacturing Initiative, Kokomo, Indiana, DOE/EA-1851	Third party, cost shared with DOE	EA Determination Date:	12/9/2010	ARRA: DE-FOA-0000026 - Recovery Act: Electric Drive Vehicle Battery and Component Manufacturing Initiative. DOE/EA-1851
		Transmittal to State:	4/30/2011	
		EA Approval:	6/30/2011	
		FONSI:	6/30/2011	
Smart Grid, Battelle Institute, Avista Utilities - Installation of Back-up Wind, Diesel, and Battery Generation Facilities, State of Washington, DOE/EA-1749	EA cancelled, converted to CX (12/2010)	EA Determination Date:	3/2/2010	ARRA: DE-FOA-0000036 - Recovery Act: Smart Grid Demonstrations. DOE/EA-1749 cancelled due to conversion to CX.
		Transmittal to State:	-	
		EA Approval:	-	
		FONSI:	-	
Smart Grid, Center for Commercialization of Electric Technology (CCET) - Technology Solutions for Wind Power Integration in ERCOT, Houston, Texas, DOE/EA-1750D	\$25,924	EA Determination Date:	3/2/2010	ARRA: DE-FOA-0000036 - Recovery Act: Smart Grid Demonstrations. DOE/EA-1750D
		Transmittal to State:	10/23/2010	
		EA Approval:	1/31/2011	
		FONSI:	2/15/2011	
Smart Grid, New York State Gas & Electric - Compressed Air Energy Storage (CAES) Demonstration Plant, near Watkins Glen, New York, DOE/EA-1751	\$25,924	EA Determination Date:	3/2/2010	ARRA: DE-FOA-0000036 - Recovery Act: Smart Grid Demonstrations. DOE/EA-1751
		Transmittal to State:	TBD	
		EA Approval:	9/1/2011	
		FONSI:	9/1/2011	
Smart Grid, Pacific Gas & Electric - Advanced Compressed Air Energy Storage (CAES) in a Porous Rock Formation, San Francisco, California, DOE/EA-1752	\$25,924	EA Determination Date:	3/2/2010	ARRA: DE-FOA-0000036 - Recovery Act: Smart Grid Demonstrations. DOE/EA-1752
		Transmittal to State:	TBD	
		EA Approval:	9/1/2011	
		FONSI:	9/1/2011	
Smart Grid, Beacon Power - Construct, Test and Operate a Utility-Scale 20MW Flywheel Energy Storage and Smoothing Facility, Chicago, Illinois, DOE/EA-1753D	\$25,924	EA Determination Date:	3/2/2010	ARRA: DE-FOA-0000036 - Recovery Act: Smart Grid Demonstrations. DOE/EA-1753D
		Transmittal to State:	10/1/2010	
		EA Approval:	6/1/2011	
		FONSI:	6/1/2011	
Seattle Steam LP dba Seattle Steam Company Combined Heat and Power at Post Street in Downtown Seattle, Washington, DOE/EA-1741D	\$30,000	EA Determination Date:	1/27/2010	ARRA: DE-FOA-0000044 - Recovery Act: Deployment of Combined Heat and Power (CHP) Systems, District Energy Systems, Waste Heat Recovery Systems, and Efficient Industrial Equipment. DOE/EA-1741D
		Transmittal to State:	6/18/2010	
		EA Approval:	2/2011	
		FONSI:	2/2011	

<b>West Tennessee Farm Project, Haywood County, Tennessee, DOE/EA-1706D</b>	Third party, cost shared with DOE	EA Determination Date:	1/09	<u>ARRA</u> : DE-FOA-0000052 - Recovery Act: State Energy (SEP) Formula Grants. DOE/EA-1706D
		Transmittal to State:	9/22/2010	
		EA Approval:	2/2011	
		FONSI:	Final decision 2/2011	
<b>Florida State Energy Program's Ag-Oil Biofuel Processing Plant, Palm Beach County, Florida, DOE/EA-1794</b>	EA cancelled (01/2011)	EA Determination Date:	6/4/2010	<u>ARRA</u> : Funded by Recovery Act: State Energy Program (SEP). DOE/EA-1794. Project cancelled by Florida.
		Transmittal to State:	-	
		EA Approval:	-	
		FONSI:	-	
<b>Environmental Assessment for Integrated Energy System with Beneficial CO2 Use at the Arizona Public Service Cholla Power Plant, Joseph City, Arizona, DOE/EA-1666</b>	EA cancelled (3/30/2010)	EA Determination Date:	4/6/2009	<u>ARRA</u> : Funded through "Innovative Concepts for CO2 Reuse." Project cancelled by recipient on 3/30/2010 (effective 4/30/2010).
		Transmittal to State:	-	
		EA Approval:	-	
		FONSI:	-	
<b>Drilling and Production Testing the Methane Hydrate Resource Potential Associated with the Barrow Gas Fields - Environmental Assessment for East Barrow Methane Hydrate Project, East Barrow Gas Field, Barrow, Alaska, DOE/EA-1667</b>	EA cancelled	EA Determination Date:	4/30/2009	DOE/EA-1667 has been cancelled.
		Transmittal to State:	-	
		EA Approval:	-	
		FONSI:	-	
<b>Battleground Energy Recovery Project (Houston Advanced Research Center), Harris County, Texas DOE/EA-1769</b>	TBD	EA Determination Date:	3/30/2010	<u>Non-ARRA</u> : Funding source TBD, DOE/EA-1769.
		Transmittal to State:	TBD	
		EA Approval:	TBD	
		FONSI:	TBD	
<b>Phase III Anthropogenic Test Characterization Project - Southeast Regional Carbon Sequestration Partnership (SECARB) Project, Mobile County, Alabama, DOE/EA-1785D</b>	TBD	EA Determination Date:	5/7/2010	<u>Non-ARRA</u> : Funded through Regional Carbon Sequestration Partnership, Phase III (continuation of Phase II FOA DE-PS26-05NT42255), DOE/EA-1785D. Project delayed.
		Transmittal to State:	9/19/2010	
		EA Approval:	TBD	
		FONSI:	TBD	
<b>Midwest Regional Carbon Sequestration Partnership (MRCSP) Phase III Michigan Basin Project, Chester Township, Michigan, DOE/EA-1835</b>	\$105,000	EA Determination Date:	8/9/2010	<u>Non-ARRA</u> : Funded through Regional Carbon Sequestration Partnership. DOE/EA-1835
		Transmittal to State:	3/31/2011	
		EA Approval:	5/31/2011	
		FONSI:	5/31/2011	
<b>Norwich Public Utilities (CDP) - Norwich Co-Generation Initiative, Norwich, Connecticut, DOE/EA-1836D</b>	\$31,700	EA Determination Date:	9/13/2010	<u>Non-ARRA</u> : Congressionally Directed Project, DOE/EA-1836D. DOE share: \$178,000
		Transmittal to State:	1/21/2011	
		EA Approval:	3/31/2011	
		FONSI:	5/15/2011	

<b>National Energy Technology Laboratory (NETL) Performance Verification Laboratory, Morgantown, West Virginia, DOE/EA-1837D</b>	\$30,000	EA Determination Date:	1/10	<b>ARRA: Initiated through Facilities and Equipment Upgr. Job Call #09-002. DOE/EA-1837D</b>
		Transmittal to State:	12/9/2010	
		EA Approval:	2/1/2011	
		FONSI:	2/1/2011	
<b>Research Triangle Institute: Scale-up of High-Temperature Syngas Cleanup Technology, Polk County, Florida, DOE/EA-xxxx (TBD)</b>	TBD	EA Determination Date:	TBD	<b>Partially ARRA-funded: EA work expected to commence in 2011.</b>
		Transmittal to State:	TBD	
		EA Approval:	TBD	
		FONSI:	TBD	
<b>NETL's Project Management Center (PMC): 4-12 Environmental Assessments anticipated for EERE and OE projects</b>	TBD	EA Determination Date:	TBD	<b>ARRA and non-ARRA: EAs may be required by new or restructured ARRA projects; earmarks; or new FOAs once a FY 2011 budget is in place.</b>
		Transmittal to State:	TBD	
		EA Approval:	TBD	
		FONSI:	TBD	
<b>NETL's Strategic Center for Coal (SCC): 6-10 Environmental Assessments anticipated.</b>	TBD	EA Determination Date:	TBD	<b>Non-ARRA: 6-10 potential EAs coming from a Sequestration FOA (DOE-FOA-0000441) on Small-Scale Field Projects. FOA is still in development and has not been released at this point.</b>
		Transmittal to State:	TBD	
		EA Approval:	TBD	
		FONSI:	TBD	
	<b>Total Estimated Cost</b>			
	\$300,396			



# Annual NEPA Planning Summary

## Environmental Impact Statements Ongoing or Expected to be Prepared in the Next 24 Months

National Energy Technology Laboratory (NETL)

1/26/2011

Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)	Description
<b>Lake Charles CCS Project, Lake Charles, LA, DOE/EIS-0464</b>	Third party, cost shared with DOE	EIS Determination Date: 12/21/2010	<b>ARRA:</b> DE-FOA-0000015 - Recovery Act: Carbon Capture and Sequestration (CCS) from Industrial Sources and Innovative Concepts for Beneficial CO2 Use (Area One). DOE/EIS-0464
		NOI: TBD	
		Scoping: TBD	
		Draft: TBD	
		Hearings: TBD	
		Final: TBD	
ROD: TBD			
<b>Gilberton Coal to Clean Fuels and Power Project, Gilberton, PA, DOE/EIS-0357</b>	Project cancelled	EIS Determination Date: 3/5/2003	<b>Non-ARRA:</b> DE-PS26-02NT41428 - Clean Coal Power Initiative (Round One). Project cancelled.
		NOI: 4/10/2003	
		Scoping: 5/5/2003	
		Draft: 12/9/2005	
		Hearings: 1/10/2006	
		Final: 10/23/2007	
ROD: -			
<b>Mesaba Energy Project, Itasca County, MN, DOE/EIS-0382</b>	\$1,418,733	EIS Determination Date: 5/10/2005	<b>Non-ARRA:</b> DE-PS26-04NT42061 - Clean Coal Power Initiative (Round Two). DOE/EIS-0382. Project delayed by regulatory and financial issues
		NOI: 10/5/2005	
		Scoping: 10/25/2005-10/26/2005	
		Draft: DOE: 11/8/2007; EPA: 11/9/2007	
		Hearings: 11/27/2007-11/28/2007	
		Final: 11/20/2009	
ROD: TBD			
<b>Hydrogen Energy International Integrated Gasification Combined Cycle and Carbon Capture and Sequestration Project, Kern County, California, DOE/EIS-0431</b>	Third party, cost shared with DOE	EIS Determination Date: 3/8/2010	<b>ARRA:</b> DE-FOA-0000042 - Recovery Act: Clean Coal Power Initiative (Round Three). DOE/EIS-0431
		NOI: 4/6/2010	
		Scoping: 4/14/2010	
		Draft: June-Aug. 2011	
		Hearings: July-Aug. 2011	
		Final: Dec. 2011	
ROD: Jan. 2012			
<b>Texas Clean Energy Project (TCEP), Odessa, Ector County, Texas, DOE/EIS-0444</b>	Third party, cost shared with DOE	EIS Determination Date: 3/2/2010	<b>ARRA:</b> DE-FOA-0000042 - Recovery Act: Clean Coal Power Initiative (Round Three). DOE/EIS-0444
		NOI: 6/2/2010	
		Scoping: 6/17/2010	
		Draft: Feb. 2011	
		Hearings: Mar. 2011	
		Final: June 2011	
ROD: July 2011			

<b>American Electric Power Service Corporation's Modular Near Commercial-Scale Carbon Capture and Storage Demonstration, New Haven, West Virginia, DOE/EIS-0445</b>	Third party, cost shared with DOE	EIS Determination Date:	3/8/2010	ARRA: DE-FOA-0000042 - Recovery Act: Clean Coal Power Initiative (Round Three). DOE/EIS-0445
		NOI:	6/7/2010	
		Scoping:	6/22/2010	
		Draft	Feb. 2011	
		Hearings	Mar. 2011	
		Final	July 2011	
		ROD	Aug. 2011	
<b>DOE's Proposed Financial Assistance to the FutureGen Industrial Alliance, Ameren Energy Resources, Babcock &amp; Wilcox, and Air Liquide Process and Construction, Inc. for FutureGen 2.0 - Oxy-Combustion Large Scale Test, Meredosia, Illinois, DOE/EIS-0460</b>	\$2,800,000	EIS Determination Date:	11/9/2010	ARRA: FUTUREGEN 2.0 - DE-FE-0005054. DOE/EIS-0460
		NOI:	Mar. 2011	
		Scoping:	TBD	
		Draft	TBD	
		Hearings	TBD	
		Final	TBD	
		ROD	TBD	
<b>W.A. Parish Post-Combustion CO2 Capture and Sequestration Project, Location TBD, DOE/EIS-xxxx (TBD)</b>	TBD	EIS Determination Date:	TBD	ARRA: DE-FOA-0000042 - Recovery Act: Clean Coal Power Initiative (Round Three). Planning is ongoing. Project could require either an EIS or EA, depending on project plans.
		NOI:	TBD	
		Scoping:	TBD	
		Draft	TBD	
		Hearings	TBD	
		Final	TBD	
		ROD	TBD	
	Total Estimated Cost			
	\$4,218,733			

# Annual NEPA Planning Summary

## Mitigation Action Plan (MAP) Tracking

National Energy Technology Laboratory (NETL)

1/26/2011

NEPA Document Title, Location, Document Number	Key Dates in MAP Implementation	Discussion of Mitigation Commitments and Implementation Status
<b>Kemper County IGCC Project, Kemper County, MI, DOE/EIS-0409</b>	ROD/FONSI date: 8/19/2010	
	MAP date: Sept. 2010	
	Mitigation report 1: 12/31/2010	
	Mitigation report 2: Est. 3/31/2011	
	Mitigation report 3: Est. 6/30/2011	
	Mitigation report 4: Est. 9/30/2011	
<b>West Tennessee Solar Farm Project, Haywood County, Tennessee, DOE/EA-1706D</b>	Mitigation report 5: Est. 12/31/2011	Commitments are minor and mainly focused on period of construction. No significant impacts even without mitigation. NETL anticipates mitigation monitoring will occur as part of overall SEP audit process for TN's ARRA SEP grant
	ROD/FONSI date: Est. 2/2011	
	MAP date: Est. 2/2011	
	Mitigation report 1: TBD -- SEP audit	
	Mitigation report 2: TBD -- SEP audit	
	Mitigation report 3: TBD -- SEP audit	
	Mitigation report 4: TBD -- SEP audit	
	Mitigation report 5: TBD -- SEP audit	
	ROD/FONSI date:	
	MAP date:	
	Mitigation report 1:	
	Mitigation report 2:	
Mitigation report 3:		
Mitigation report 4:		
Mitigation report 5:		