



## Department of Energy

Golden Field Office  
1617 Cole Boulevard  
Golden, Colorado 80401-3305

January 24, 2008

MEMORANDUM FOR: DAVID R. HILL  
GENERAL COUNSEL

FROM: CHRISTINE A. PHOEBE  
DEPUTY MANAGER

A handwritten signature in black ink, appearing to read "Christine A. Phoebe".

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

As requested in your memorandum of December 21, 2007, attached is the 2008 Annual NEPA Planning Summary for the Golden Field Office (GO). GO currently is conducting five Environmental Assessments (EA) and no Environmental Impact Statements (EISs). GO plans to initiate at least four additional EAs in 2008 and up to six EISs during 2008.

Please contact Steve Blazek at (303) 275-4723 with any questions regarding this planning summary.

Attachment



**2008 Annual NEPA Planning Summary:  
Status of Ongoing NEPA Compliance Activities - Environmental Assessments**

*DOE Golden Field Office  
Jan-08*

*Title, Location	Estimated Cost	Estimated Schedule (*NEPA Milestones)		Description
NREL, Supplement to the South Table Mountain Site-wide EA (DOE/EA 1440)	\$75,000	Determination Date:	7/19/2006	DOE proposes to use funds to construct Research Support Facilities on the NREL campus. This EA will supplement the existing Site-wide EA and evaluate the impacts associated with the new research support facilities, related infrastructure, and the expansion of an existing pilot scale facility.
		Transmittal to State:	TBD	
		EA Approval:		
		FONSI:		
White Earth Reservation Tribal Council Wind Turbine White Earth, Minnesota	\$50,000	Determination Date:	10/17/2006	DOE proposes to provide funding to the White Earth Tribal Nation to purchase and install at least one 750 kW -1 MW scale wind turbine on tribal land in Minnesota.
		Transmittal to State:	TBD	
		EA Approval:		
		FONSI:		
Alaska Energy Authority Sand Point Wind Diesel Project Sand Point, Alaska (DOE/EA 1584)	\$50,000	Determination Date:	11/30/2006	DOE proposes to provide funding to the Alaska Energy Authority (AEA) to purchase and install two 500kW wind turbines. AEA is proposing to use DOE funding to install the wind turbines at the TDX Sand Point, Alaska, power generation facility. The state was notified of DOEs intent to prepare an EA on February 1, 2007.
		Transmittal to State:		
		EA Approval:		
		FONSI:		
Burbank H2 Fueling Station Burbank, California	TBD	Determination Date:	Pending	DOE is proposing to fund the construction of a hydrogen fueling station in Burbank, California. This will be a joint NEPA-CEQA document.
		Transmittal to State:		
		EA Approval:		
		FONSI:		

<b>NREL Wind Technology Testing Centers Massachusetts and Texas</b>	\$150,000	Determination Date:	9/6/2007	Under shared-resources Cooperative Research and Development Agreements (CRADA), NREL is proposing to support the design, construction and operation of two Wind Technology Testing Centers which would be advanced blade testing facilities capable of testing blades up to at least 70m in length to provide a testing laboratory for the US wind industry in order to meet the goals of the US DOE. One facility will be located in Massachusetts and the other in Texas.
		Transmittal to State:	TBD	
		EA Approval:		
		FONSI:		
<b>Total Estimated Cost</b>				
\$325,000.00				

**2008 Annual NEPA Planning Summary:  
Environmental Assessments Expected to be Completed in the Next 12 Months**

*DOE Golden Field Office  
Jan-08*

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
Update 2003 NREL Site-wide EA for future South Table Mountain Campus build-out Golden, Colorado	\$200,000	Determination Date:	Pending	NREL's 10 year site plan proposes significant site build out activities. DOE plans to update the 2003 NREL Site-wide EA to evaluate the impacts of future site build out.
		Transmittal to State:		
		EA Approval:		
		FONSI:		
Mt Wachusett Community College Wind Turbine Project Gardner, Massachusetts	\$40,000	Determination Date:	6/15/2006	DOE proposes to provide funding to Mt Wachusett Community College to undertake the steps needed to procure and construct a wind turbine on the campus in Gardner, Massachusetts.
		Transmittal to State:	TBD	
		EA Approval:		
		FONSI:		
Box Elder Canyon Wind Generation Project Brigham City, Utah	\$45,000	Determination Date:	6/8/2006	DOE proposes to provide funding to Brigham City, Utah to conduct feasibility studies and install up to three 1.5 megawatt wind turbines at the mouth of Box Elder Canyon.
		Transmittal to State:	TBD	
		EA Approval:		
		FONSI:		
Bowling Green State University Coastal Ohio Wind Project Bowling Green, Ohio	\$45,000	Determination Date:	8/30/2006	DOE proposes to provide funding to Bowling Green State University to conduct avian impact studies related to wind turbines and avian deterrent systems and to purchase and install two 250 kw wind turbines.
		Transmittal to State:	TBD	
		EA Approval:		
		FONSI:		
	Total Estimated Cost \$330,000.00			

**2008 Annual NEPA Planning Summary:  
Environmental Impact Statements Expected to be Prepared in the Next 24 Months**

*DOE Golden Field Office  
Jan-08*

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
<b>Poet Project LIBERTY, Emmetsburg, Iowa</b>	TBD	Determination Date:	<i>Pending</i>	DOE is proposing to provide financial assistance to Poet Energy to design and construct a commercial-scale cellulosic biorefinery to be co-located with an existing ethanol production facility in Emmetsburg, IA. The Golden Field Office is expecting that an EIS will be required, although the NEPA determination has not been completed at this time. ~ Poet has also been invited to submit a full application to DOE's Loan Guarantee Office for this project.~
		NOI:		
		Scoping:		
		Draft		
		Hearings		
		Final		
<b>Alico Biorefinery Project, TBD South Florida</b>	TBD	Determination Date:	<i>Pending</i>	DOE is proposing to provide financial assistance to Alico, Inc. to design and construct a commercial-scale cellulosic biorefinery in Southern Florida. The Golden Field Office is expecting that an EIS will be required, although the NEPA determination has not been completed at this time. ~ Alico, Inc. has also been invited to submit a full application to DOE's Loan Guarantee Office for this project.~
		NOI:		
		Scoping:		
		Draft		
		Hearings		
		Final		
<b>BlueFire Briorefinery Project, TBD, Southern California</b>	TBD	Determination Date:	<i>Pending</i>	DOE is proposing to provide financial assistance to BlueFire Ethanol, Inc. to design and construct a commercial-scale cellulosic biorefinery in Southern California. The Golden Field Office is expecting that an EIS will be required, although the NEPA determination has not been completed at this time. A joint NEPA - CEQA document will likely be prepared.
		NOI:		
		Scoping:		
		Draft		
		Hearings		
		Final		
ROD				

<b>logen Briorefinery Project, TBD, Idaho</b>	TBD	Determination Date:	<i>Pending</i>	DOE is proposing to provide financial assistance to logen to design and construct a commercial-scale cellulosic biorefinery in Idaho. The Golden Field Office is expecting that an EIS will be required, although the NEPA determination has not been completed at this time. ~ logen has also been invited to submit a full application to DOE's Loan Guarantee Office for this project.~
		NOI:		
		Scoping:		
		Draft		
		Hearings		
		Final		
<b>Abengoa Briorefinery Project, Hugoton, Kansas</b>	TBD	Determination Date:	<i>Pending</i>	DOE is proposing to provide financial assistance to Abengoa to design and construct a commercial-scale cellulosic biorefinery in Hugoton, Kansas. The Golden Field Office is expecting that an EIS will be required, although the NEPA determination has not been completed at this time.
		NOI:		
		Scoping:		
		Draft		
		Hearings		
		Final		
<b>Total Estimated Cost</b>				
TBD				