Department of Energy
Golden Field Office
1617 Cole Boulevard
Golden, Colorado 80401-3393

January 31, 2011

MEMORANDUM FOR:
Scott Harris
General Counsel

FROM: Carol Battershell [signature], Acting for
Golden Field Office (GO) Manager

SUBJECT: Annual National Environmental Policy Act Planning Summary

Attached is the 2011 Annual National Environmental Policy Act Planning Summary for the Golden Field Office (GO). GO currently is conducting 31 environmental assessments (EA) and no environmental impact statements. GO currently estimates the production of approximately eight additional EAs in 2011. The information presented in this planning summary is based on current known workload. The number of EAs actually prepared is likely to vary from the current estimate as projects are identified and defined.

Please contact Steve Blazek, GO Senior NEPA Compliance Officer, at (720) 356-1561with any questions regarding this planning summary.

Attachment

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2011 Annual NEPA Planning Summary:
Environmental Assessments *Expected to be Completed in the Next 12 Months

DOE Golden Field Office
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*Title, Location	Recovery Act	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
ORMAT Nevada, Inc.:Blind Geothermal System Exploration in Active Volcanic Environments, Maui, Hawaii	Geothermal Program ARRA	TBD	Determination Date:	TBD	Geothermal exploration well drilling.
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	
AltaRock Energy, Inc.: Newberry volcano EGS demonstration, Oregon	Geothermal Program ARRA	TBD	Determination Date:	6/29/2010	BLM lead agency. Project involves evaluation of existing and new wells for geothermal production and includes well stimulation activities.
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	
Geothermal Technical Partners, Inc.: Geothermal Exploaration Project, Nevada	Geothermal Program ARRA	TBD	Determination Date:	TBD	BLM lead agency.Effectiveness of shallow temperature surveys to target a geothermal reservoir at previously explored site at McGee Mountain, Nevada
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	
ORMAT Nevada, Inc.: Merging high resolution geophysical and geochemical surveys to reduce exploration risk at Glass Buttes, Oregon	Geothermal Program ARRA	TBD	Determination Date:	TBD	BLM lead agency. Geothermal prodiution well drilling.
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	
Update 2003 NREL Site-wide EA for future South Table Mountain Campus Site Operations and Build-out Golden, Colorado	No	TBD	EA Determination Date:	Pending	NREL's 10 year site plan proposes 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:	TBD	
			EA Approval:		
			FONSI:		
Update 2002 NREL Site-wide EA for future National Wind Technology Center Site Operations and Build-out/Expansion Golden, Colorado	No	TBD	EA Determination Date:	Pending	NREL's 10 year site plan proposes new facilities and site infrastructure upgrades. DOE plans to update the 2002 NREL Site-wide EA to evaluate the impacts of future facilities, site infrastructure upgrades and property
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	
Supplemental EA - Renewable Fuel Heating Plant Fuel Storage Feasibility, Design, and Construction	No	TBD	EA Determination Date:	10/7/2010	Proposed project would be for improvements to the Renewable Fuel Heating Plant located at the National Renewable Energy Laboratory in Golden, Colorado. Improvements would include additional woodchip fuel
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	
Kansas State University: Great Plains States Wind Energy Consortium Wind Energy Project	No	TBD	Determination Date:	3/4/2010	Installation of a 750kW wind turbine.
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	

2011 Annual NEPA Planning Summary:
Status of Ongoing NEPA Compliance Activities - Environmental Assessments

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*Title, Location	Recovery Act	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
Town of Hempstead: Wind-to-Hydrogen Project, New York	EECBG ARRA	$50,000	Determination Date:	4/21/2010	Funding for construction and installation of a 100kW wind turbine.
			Transmittal to State:	5/1/2010	
			EA Approval:	12/27/2010	
			FONSI:	TBD	
SEO (Kansas Corporation Commission). Sub Recipient: City of El Dorado, City of El Dorado Wind Turbine Project, Kansas	EECBG ARRA	$52,000	Determination Date:	6/18/2010	Funding for construction of a wind turbine.
			Transmittal to State:	12/16/2010	
			EA Approval:	12/16/2010	
			FONSI:	TBD	
City of Montpelier: City of Montpelier District Energy Project, Vermont	CRED ARRA	$75,000	Determination Date:	5/19/2010	Funding for construction of a community combined heat and power system.
			Transmittal to State:	6/1/2010	
			EA Approval:	TBD	
			FONSI:	TBD	
Phillips County:Phillips County 30MW Wind Project, Colorado	CRED ARRA	$75,000	Determination Date:	4/7/2010	Funding for construction of a 30MW Wind Farm in Phillips and Logan Counties, Colorado.
			Transmittal to State:	5/1/2010	
			EA Approval:	TBD	
			FONSI:	TBD	
Illinois Department of Commerce & Economic Opportunity: Chicago View Wind, Illinois	SEP ARRA	$50,000	Determination Date:	4/15/2010	Authorizing funding for the construction of a 1.5 MW Wind Turbine
			Transmittal to State:	10/1/2010	
			EA Approval:	TBD	
			FONSI:	TBD	
Illinois Department of Commerce & Economic Opportunity: Heartland Community College Wind Turbine, Illinois	SEP ARRA	$50,000	Determination Date:	4/15/2010	Authorizing funding for the construction of a 2.5 MW Wind Turbine
			Transmittal to State:	9/27/2010	
			EA Approval:	TBD	
			FONSI:	TBD	
Illinois Department of Commerce & Economic Opportunity:Sauk Valley Community College Wind Turbine, Illinois	SEP ARRA	$50,000	Determination Date:	4/17/2010	Authorizing funding for the construction of a 1.5 MW Wind Turbine
			Transmittal to State:	9/17/2010	
			EA Approval:		
			FONSI:	TBD	
Illinois Department of Commerce & Economic Opportunity: Monarch Warren County Turbine Project, Illinois	SEP ARRA	$50,000	Determination Date:	5/13/2010	Authorizing funding for the construction of a Wind Turbine
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	
Illinois Department of Commerce & Economic Opportunity: Rockford Solar Partners LLC, Illinois	SEP ARRA	$50,000	Determination Date:	3/17/2010	Authorizing funding for a proposed solar installation
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	

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Illinois Department of Commerce & Economic Opportunity: Southern Illinois University Carbondale Wind Turbine	SEP ARRA	$50,000	Determination Date:	4/15/2010	Authorizing funding for the construction of a Wind Turbine
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	
Ohio Energy Office: Kilowatts for Kenston, Ohio	SEP ARRA	$25,000	Determination Date:	4/28/2010	Authorizing funding for construction and installation of a 750kW wind turbine at school campus.
			Transmittal to State:	5/1/2010	
			EA Approval:	12/30/2010	
			FONSI:	TBD	
Ohio Energy Office:Cuyahoga County Fairground Renewable Energy Demonstration Project (600 KW Wind)	SEP ARRA	$25,000	Determination Date:	4/21/2010	Authorizing funding for construction and installation of a 660kW wind turbine at Fairgrounds. Connected Action is an Energy Center.
			Transmittal to State:	5/1/2010	
			EA Approval:	11/8/2010	
			FONSI:	TBD	
Ohio Energy Office: Green City Growers, Wind Development, Ohio	SEP ARRA	$50,000	Determination Date:	3/4/2010	Authorizing funding for the construction of a 1.5 MW Wind Turbine
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	
Ohio Energy Office: Archbold Area Local School Wind Project, Ohio	SEP ARRA	$25,000	Determination Date:	4/28/2010	Authorizing funding for construction and installation of a 750kW wind turbine at school campus.
			Transmittal to State:	5/1/2010	
			EA Approval:	1/26/2011	
			FONSI:	TBD	
Ohio Energy Office: Pettisville Local Schools, Ohio	SEP ARRA	$25,000	Determination Date:	4/28/2010	Authorizing funding for construction and installation of a 750kW wind turbine at school campus.
			Transmittal to State:	5/1/2010	
			EA Approval:	TBD	
			FONSI:	TBD	
Kirkwood Community College (SEP subrecipient of the Iowa Office of Energy Independence: Wind Energy Project	SEP ARRA	$50,000	Determination Date:	9/30/2010	Authorizing funding for construction and installation of a 2.5 MW Wind Turbine at Community College.
			Transmittal to State:	10/15/2010	
			EA Approval:		
			FONSI:		
Washington Department of Commerce: Nippon Paper Industries, Washington State	SEP ARRA	$50,000	Determination Date:	1/21/2011	WA Dept. of Commerce would use DOE funding to replace a steam boiler with a new biomass boiler.
			Transmittal to State:	TBD	
			EA Approval:	2/18/2011	
			FONSI:	4/1/2011	
Richland Center Renewable Energy, LLC: Anaerobic Digester--Waste To Energy, Wisconsin	SEP ARRA	$50,000	Determination Date:	12/17/2010	Authorizing funding for a waste to Energy Project.
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	

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Frito Lay: Energy Efficiency Project	SEP ARRA	$50,000	Determination Date:	12/17/2010	Funding for a waste to Energy Project at Frito Lay's WI Facility.
			Transmittal to State:		
			EA Approval:	TBD	
			FONSI:	TBD	
South Central Oregon Economic Development District's Lakeview Geothermal EA, Oregon	Geothermal Program and SEP ARRA	$99, 810	Determination Date:	6.24.2009	Geothermal production well drilling, 3+ miles of pipline installation into town and upgrade to City buildings to convert heating systems to accept geothermal
			Transmittal to State:	9/24/2009	
			EA Approval:	1/12/2011	
			FONSI:	TBD	
Oregon State University's Wave Energy Mobile Ocean Test Berth Project, Newport, Oregon	No	$104,000	Determination Date:	9/25/2009	Construction and delopment of two mobile ocean test berth units that will test and validate wave energy technologies off the coast of Oregon. Project on hold due to
			Transmittal to State:	4/27/2010	
			EA Approval:	TBD	
			FONSI:	TBD	
Wyandotte Municipal Service's Wyandot Wind Energy Project, Michegan	No	$88,000	Determination Date:	9/8/2010	Funding for five 1.5+ MW wind turbine installation in the town of Wyandotte, MI, on brownfields owned by the City. Project on hold, likely will be rescoped.
			Transmittal to State:	1/7/2010	
			EA Approval:	TBD	
			FONSI:	TBD	
University of Minnesota - Wind Energy Research Consortium project, (wind turbine install), Minnesota	Wind Program ARRA	$185,000	Determination Date:	3/4/2010	Authorizing funding for installation of 2 MW wind turbine in rural area owned by the University.
			Transmittal to State:	6/3/2010	
			EA Approval:	1/26/2010	
			FONSI:	TBD	
University of Maine/DeepCWind Consortium National Research Program - Validation of Coupled Models and Optimization of Materials for Offshore Wind Structures, Gulf of Maine	No	$100,000	Determination Date:	5/13/2010	Demonstration project of two 1:3 scale floating wind turbines in the gulf of Maine. Turbine size will be approximately 100 kw and will be deployed for a few months then
			Transmittal to State:	9/20/2010	
			EA Approval:	TBD	
			FONSI:	TBD	
White Earth Tribal Nation - Wind Installation Project #2, Minnesota	No	TBD	Determination Date:	9/1/2010	Funding for installation of several mid-sized wind turbines throuought various location on the White Earth tribe reservation.
			Transmittal to State:	12/4/2010	
			EA Approval:	TBD	
			FONSI:	TBD	
City of Peru: Peru Wind Turbine, Kansas	No	$50,000	Determination Date:	6/21/2009	Authorizing funding for installation of a install a 1.5-2.0 MW wind turbine in the City.
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	
Cloud County Community College: Wind energy project, Kansas	No	$50,000	Determination Date:	12/20/2010	Authorizing funding for a wind turbine installation on community college campus
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	

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Oneidea Seven Generations: Gasification Project	No	$50,000	Determination Date:	1/15/2010	Authorizing funding for construction of a pyrolitic gasification plant in or near Green Bay, WI.
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	
NewPage	No	$100,000.00	Determination Date:	5/15/2010	Project Independence: Construction of an Integrated Biorefinery for Production of Renewable Biofuels at an Existing Pulp and Paper Mill (funding)
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	
Mascoma Corporation	No	$100,000.00	Determination Date:	9/14/2009	Demonstration of Integrated Biorefinery Operations for Producing Biofuels and Chemical / Materials Products (funding)
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	
Flambeau River Biofuels	No	$100,000.00	Determination Date:	7/28/2009	Flambeau River Biofuels Biorefinery Demonstration Plant = Biomas to Liquid Fuels (funding)
			Transmittal to State:	TBD	
			EA Approval:	TBD	
			FONSI:	TBD	