

# memorandum

DATE: January 29, 2013

REPLY TO  
ATTN OF: BPA-KEC-4

SUBJECT: 2013 Annual National Environmental Policy Act (NEPA) Planning Summary

to: Gregory H. Woods, General Counsel

Attached please find Bonneville Power Administration's (BPAs) 2013 Annual NEPA Planning Summary. As requested in your December 7, 2012 memorandum, the summary identifies the status of ongoing environmental assessments (EAs), ongoing environmental impact statements (EISs), EAs expected to be prepared during the next 12 months, and EISs expected to be prepared during the next 24 months. We have included documents for which BPA will be the lead federal agency, as well as documents for which BPA will be a cooperating agency.

The EAs and EISs forecasted have a high probability of going forward. However, it is very likely that BPA will prepare additional EAs and EISs over the planning period. For example, BPA expects the potential for additional fish and wildlife projects in conjunction with the Northwest Power and Conservation Council. These projects will help fulfill BPA's responsibilities under the Pacific Northwest Electric Power Planning and Conservation Act, as well as the Federal Columbia River Power System Biological Opinion. BPA will also be working with various Native American tribes to clarify fish and wildlife projects identified under the Columbia Basin Fish Accords. BPA may need to prepare EAs or EISs for some of these projects.

Ongoing transmission interconnection studies continue and may generate additional NEPA compliance documents during 2013. Also, the continuing need to upgrade existing transmission facilities as well as to construct new ones to maintain a reliable transmission system remain, and will likely create the need for additional environmental reviews, including EAs and EISs that are unknown at this time.

Supplement Analyses (SAs) that BPA anticipates over the next two years have not been included in the Summary. The Record of Decision (ROD) for BPA's Transmission System Vegetation Management Program EIS (DOE/EIS-0285) adopted a strategy for site-specific vegetation management projects that incorporates the use of SAs with Vegetation Control Prescriptions and Checklists. BPA anticipates preparing about 25 vegetation management SAs per year over the next 24 months. However, the specific transmission corridors have not yet been identified. In addition, BPA may prepare SAs to its Business Plan EIS (DOE/EIS-0183), System Operation Review EIS (DOE/EIS-0170), and Fish and Wildlife Implementation Plan EIS (DOE/EIS-0312) to evaluate whether any proposed changes or new information would require the preparation of supplemental EISs.

Also, as requested in your December 7, 2013 memorandum, BPA has evaluated whether a site-wide EIS would facilitate future NEPA compliance efforts. We find it would not, because BPA does not manage the type of site intended by the Department as the subject of a site-wide EIS. However, BPA does have a number of program and policy EISs that facilitate NEPA compliance.

We will update DOE's Office of NEPA Policy and Compliance as soon as we have more information about any additional NEPA documents. If you have any questions regarding this 2013 Annual NEPA Planning Summary, please contact BPA's NEPA Compliance Officers, Katherine Pierce, at (503) 230-3962 or Stacy Mason, at (503) 230-5455.

*/s/ F. Lorraine Bodi*

F. Lorraine Bodi

Vice President, Environment, Fish and Wildlife

#### Attachments

ecc: (w/attachment)

C. Borgstrom - DOE/GC-54

Y. Mansoor - DOE/GC-54

L. Jessee - DOE/GC-54

## Annual NEPA Planning Summary

### Status of Ongoing NEPA Compliance Activities - Environmental Assessments

Bonneville Power Administration

31-Jan-13

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
Kootenai Tribe of Idaho Native Fish Aquaculture Program Bonner's Ferry, Boundary County, ID DOE/EA-1901	\$ 200,000	Determination Date:	7/15/2011	BPA funding for Kootenai Tribe expansion of existing hatchery and construction of new hatchery for Kootenai River white sturgeon.
		Transmittal to State:	10/3/2010	
		EA Approval:	TBD	
		FONSI:	TBD	
Bass Lake Native Fish Restoration Lincoln County, MT DOE/EA-1932	\$ 20,000	Determination Date:	8/8/2012	BPA funding for Montana, Fish, Wildlife and Parks to help restore native populations of Westslope Cutthroat trout on Tobacco River and Lake Koocanusa. (MFWP and BPA co-lead agencies)
		Transmittal to State:	8/8/2012	
		EA Approval:	Feb-13	
		FONSI:	Feb-13	
Lolo Creek Permanent Weir and Fish Trapping Facility near Weippe, Clearwater County, ID DOE/EA-1895	\$ 250,000	Determination Date:	8/4/2011	Replace existing 10-year old seasonal fish weir.
		Transmittal to State:	8/4/2011	
		EA Approval:	Jun-13	
		FONSI:	Jun-13	
Okanogan Adult Chinook Salmon Management Project Okanogan County, WA DOE/EA-1838	\$ 200,000	Determination Date:	9/16/2010	Construct semi-permanent weir to capture/control passage of adult salmon in the Okanogan River. Weir would have an instream fishing trap and/or onshore processing facility.
		Transmittal to State:	9/22/2010	
		EA Approval:	TBD	
		FONSI:	TBD	
Salem-Albany Transmission Line Rebuild Project Salem and Albany; Polk, Benton, Marion and Linn counties, OR DOE/EA-1946	\$ 750,000	Determination Date:	10/11/2012	Rebuild Salem-Albany (23.9 miles) and Salem-Albany No. 2 (27.85 miles) wood-pole transmission lines.
		Transmittal to State:	12/4/2012	
		EA Approval:	Oct-14	
		FONSI:	Oct-14	
Alvey-Fairview Transmission Line Rebuild Project City of Eugene and Coquille Lane, Douglas and Coos counties, OR DOE/EA-1891	\$ 800,000	Determination Date:	8/4/2011	Rebuild about 100 miles of 230-kilovolt mostly wood-pole transmission line between Eugene and Coquille, OR
		Transmittal to State:	8/5/2011	
		EA Approval:	Feb-14	
		FONSI:	Feb-14	
Northern Mid-Columbia Joint Project Douglas and Chelan counties, WA DOE/EA-1945	\$ 800,000	Determination Date:	10/2/2012	Add new electrical bay at existing Columbia Substation and fund portion of 9-mile 230-kV transmission line that would be owned and operated by Douglas County PUD.
		Transmittal to State:	10/26/2012	
		EA Approval:	Jul-14	
		FONSI:	Jul-14	
Pacific Direct Current Intertie Upgrade Project Lake, Jefferson, Crook, Deschutes and Wasco counties, OR DOE/EA-1937	\$ 1,500,000	Determination Date:	8/3/12	Upgrade a 265-mile portion of Celilo-Sylmar 500-kV transmission line between The Dalles and the Oregon-Nevada border.
		Transmittal to State:	9/24/12	
		EA Approval:	Mar-14	
		FONSI:	Mar-14	
Grand Coulee-Creston Transmission Line Rebuild Grant and Creston counties, WA DOE/EA-1950	\$ 300,000	Determination Date:	11/13/2012	Rebuild 28 miles of 115-kV transmission line.
		Transmittal to State:	1/8/2012	
		EA Approval:	Dec-13	
		FONSI:	May-14	
Boyer-Tillamook No. 1 Transmission Line		Determination Date:	9/4/2012	Improve or construct 12.6 miles of access roads.

<b>Access Road Maintenance Project</b> Tillamook and Yamhill counties, OR DOE/EA-1941	\$ 160,000	Transmittal to State:	2/1/2013	
		EA Approval:	Jun-13	
		FONSI:	Jun-13	
<b>Midway-Moxee Transmission Line Rebuild Project</b> Moxee City, Benton, Yakima counties, WA DOE/EA-1951	\$ 600,000	Determination Date:	12/12/2012	Rebuild the 34-mile 115 kilovolt wood-pole transmission line.
		Transmittal to State:	12/12/2012	
		EA Approval:	Jul-14	
		FONSI:	Jul-14	
<b>Lane-Wendson No. 1, 115-kV Transmission Line Rebuild Project</b> City of Eugene and Florence, Lane County, OR DOE/EA-1952	\$ 700,000	Determination Date:	12/19/2012	Rebuild 41.33 miles of wood-pole transmission line.
		Transmittal to State:	12/20/2012	
		EA Approval:	Apr-16	
		FONSI:	Apr-16	
<b>NWFSC, Earthen Drainage Channel, Burley Creek Hatchery EA</b> Port Orchard, WA (BPA cooperating agency)	\$ 20,000	Determination Date:	N/A	Upgrade existing effluent removal system. (Northwest Fisheries Science Center lead agency; BPA cooperating agency)
		Transmittal to State:		
		EA Approval:	Feb-13	
		FONSI:	Mar-13	
<b>Malheur Resource Area Diversion Replacement Project</b> Malheur County, OR (BPA cooperating agency)	\$ 20,000	Determination Date:	N/A	Replace existing damaged irrigation diversion. (BLM lead agency; BPA cooperating agency)
		Transmittal to State:		
		EA Approval:	Mar-13	
		FONSI:	Apr-13	
<b>Sandy River Delta Section 536 Ecosystem Restoration Project</b> Multnomah County, OR (BPA cooperating agency)	\$ 20,000	Determination Date:	N/A	Dam removal and habitat restoration with BPA helicopter landing areas to access transmission lines after existing road access is removed by the habitat restoration project. (US Army Corps of Engineers lead agency; BPA cooperating agency)
		Transmittal to State:	10/27/2011	
		EA Approval:	Feb-13	
		FONSI:	Feb-13	
<b>Total \$ 6,340,000</b>				

# Annual NEPA Planning Summary

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

*Bonneville Power Administration*

*31-Jan-13*

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
<b>Leaburg Dam Hatchery Escapement Reduction</b> Lane County, OR	\$ 150,000	Determination Date:	TBD	Improve attraction flows and reconstruct the fish ladder to the hatchery.
		Transmittal to State:	TBD	
		EA Approval:	Jan-13	
		FONSI:	Jan-13	
<b>Kootenai River Habitat Restoration Project</b> <b>Phase II</b> Bonners Ferry, Boundary County, ID	\$ 150,000	Determination Date:	Jun-13	Install in-river structures in the Kootenai River near the town of Bonner's Ferry, ID to improve habitat for white sturgeon
		Transmittal to State:	Jun-13	
		EA Approval:	Jun-14	
		FONSI:	Jun-14	
<b>Mid-Columbia Coho Restoration Project</b> <b>Eightmile Acclimation Pond</b> North of Winthrop Okanogan County, WA	\$ 100,000	Determination Date:	Feb-13	Construct acclimation pond for Coho on USFS property. Tiered to Mid-Columbia Coho Restoration Program EIS.
		Transmittal to State:	Sep-13	
		EA Approval:	Mar-14	
		FONSI:	Mar-14	
<b>Colville-Republic 115-kV Rebuild Project</b> Metaline, Pend O'Reille County, WA	\$ 280,000	Determination Date:	Feb-13	Rebuild a 32 mile-long transmission line.
		Transmittal to State:	Mar-13	
		EA Approval:	Dec-14	
		FONSI:	Feb-15	
<b>Goshen-Drummond 115-kV Rebuild Project</b> Goshen, Bingham County, ID	\$ 300,000	Determination Date:	May-13	Rebuild a 73 mile-long transmission line.
		Transmittal to State:	Jul-13	
		EA Approval:	Apr-15	
		FONSI:	Jul-15	
<b>Kalispell-Kerr #1 230-kV Rebuild Project</b> Kalispell, Flathead County, MT	\$ 530,000	Determination Date:	Jun-13	Rebuild a 41 mile-long transmission line.
		Transmittal to State:	Jul-13	
		EA Approval:	Apr-15	
		FONSI:	Jul-15	
<b>Rattlesnake-Garrison 230-kV Rebuild Project</b> Deer Lodge Deer Lodge County, MT	\$ 400,000	Determination Date:	Jul-13	Rebuild a 23 mile-long transmission line.
		Transmittal to State:	Aug-13	
		EA Approval:	May-15	
		FONSI:	Aug-15	

## Annual NEPA Planning Summary Environmental Assessments Expected to be Prepared in the Next 12 Months

*Bonneville Power Administration*

*31-Jan-13*

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
Hills Creek-Lookout Point 115-kV Rebuild Project Oakridge, Lane County, OR	\$ 380,000	Determination Date:	Aug-13	Rebuild a 25 mile-long transmission line.
		Transmittal to State:	Sep-13	
		EA Approval:	Nov-15	
		FONSI:	Feb-16	
Shelton-Fairmont #1 115-kV Rebuild Project Shelton, Mason County, WA	\$ 460,000	Determination Date:	Aug-13	Rebuild a 60 mile-long transmission line.
		Transmittal to State:	Sep-13	
		EA Approval:	Dec-15	
		FONSI:	Mar-16	
Garrison-Anaconda 230-kV Rebuild Project Anaconda, Deer Lodge, MT	\$ 550,000	Determination Date:	Sep-13	Rebuild a 31 mile-long transmission line.
		Transmittal to State:	Oct-13	
		EA Approval:	Dec-15	
		FONSI:	Mar-16	
<b>Total Estimated Cost</b>	<b>\$ 3,300,000</b>			

## Annual NEPA Planning Summary

### Status of Ongoing NEPA Compliance Activities - Environmental Impact Statements

Bonneville Power Administration

31-Jan-13

*Title, Location	Estimated Cost	Estimated Schedule		Description
<b>I-5 Corridor Reinforcement Project</b> <b>Cowlitz and Clark counties, WA and</b> <b>Multnomah County, OR</b> <b>DOE/EIS-0436</b>	\$ 5,000,000	Determination Date:	10/2/2009	Construct about 70 miles 500-kV line between new substation near Castle Rock, WA and new substation in Troutdale, OR
		NOI:	10/2/2009	
		Scoping:	12/14/2009	
		Draft	11/13/2012	
		Hearings	Jan-Feb /2013	
		Final	Dec-14	
		ROD	Dec-14	
<b>Klickitat Hatchery Complex Program</b> <b>Glenwood, Klickitat and Yakima counties, WA</b> <b>DOE/EIS-0424</b>	\$ 750,000	Determination Date:	4/3/2009	BPA funding changes to salmon and steelhead hatchery program to increase the abundance of spring chinook and steelhead natural spawning. Modifications to existing Klickitat Hatchery and possible construction of new hatchery and acclimation facility.
		NOI:	7/17/2009	
		Scoping:	7/10/2009	
		Draft	Jul-11	
		Hearings	Aug-11	
		Final	Apr-13	
		ROD	May-13	
<b>Whistling Ridge Energy Project</b> <b>Skamania County, WA</b> <b>DOE/EIS-0419</b>	\$ 100,000	Determination Date:	4/13/2009	New BPA substation to interconnect wind project. Combined SEPA/NEPA with Skamania County. ROD pending resolution of litigation involving proposed project.
		NOI:	4/13/2009	
		Scoping:	5/6/2009	
		Draft	5/28/2010	
		Hearings	6/16 - 17/2010	
		Final	8/23/2011	
		ROD	TBD	
<b>Montana-to-Washington Transmission System Upgrade Project</b> <b>Missoula, MT; Spokane, WA; Lewiston, ID.</b> <b>Spokane County, WA; Nez Perce, Clearwater, Shoshone counties, ID; Mineral, Sanders, Missoula, Powell counties, MT</b> <b>DOE/EIS-0484</b>	\$ 900,000	Determination Date:	4/23/2012	Proposed upgrades to existing transmission system would consist of a combination of reinforcements of five existing BPA substations, placement of new conductor on sections of an existing BPA transmission line, and the addition of a new series compensation substation along an existing BPA transmission line corridor.
		NOI:	4/23/2012	
		Scoping:	4/27/2012	
		Draft	Dec-13	
		Hearings	TBD	
		Final	Dec-14	
		ROD	Dec-14	
<b>Hooper Springs Project</b> <b>Caribou County, ID</b> <b>DOE/EIS-0541</b>	\$ 2,000,000	Determination Date:	7/8/2010	Construct 115-kV line (about 32 miles) and substation (Hooper Springs Substation) to connect with Lower Valley Energy's existing transmission system.
		NOI:	7/8/2010	
		Scoping:	July-Aug-2010	
		Draft	Feb-13	
		Hearings	Mar-13	
		Final	Sep-13	
		ROD	Oct-13	

# Annual NEPA Planning Summary

## Status of Ongoing NEPA Compliance Activities - Environmental Impact Statements

Bonneville Power Administration

31-Jan-13

*Title, Location	Estimated Cost	Estimated Schedule		Description
<b>Grand Ronde-Imnaha Spring Chinook Hatchery Project (Northeast Oregon Hatchery Program)</b> <b>Grand Ronde River and Imnaha River Subbasins, northeast Oregon.</b> <b>DOE/EIS-0340</b>	\$10,000*	Determination Date:	11/4/2001	March 2005 ROD on engineering, land acquisition and final design. Second ROD authorizing construction is pending National Marine Fisheries Service review of Hatchery Genetics Management Plan. *Estimated cost for development of additional ROD.
		NOI:	11/14/2001	
		Scoping:	1/31/2002	
		Draft	5/22/2003	
		Hearings	6/9-12/2003	
		Final	7/30/2004	
		ROD	3/11/2005	
		2nd ROD	Dec-13	
<b>Montanore Project</b> <b>south of Libby in Lincoln County, MT</b> <b>DOE/EIS-0393</b> (BPA cooperating agency)	\$ 20,000	Determination Date:	N/A	Proposed underground copper and silver mine. BPA considering tap line and substation to service facility. (USDA-Kootenai National Forest, Montana Department of Environmental Quality lead agencies; BPA cooperating agency)
		NOI:	7/14/2005	
		Scoping:	8/16-18/2005	
		Draft	2/27/2009	
		Supplemental Draft	Sep-11	
		Final	TBD	
		ROD	TBD	
<b>Cascades Crossing Project</b> <b>Morrow, Gillam, Sherman, Wasco, Jefferson, Mason, Clackamas, and Marion counties, OR</b> (BPA cooperating agency)	\$ 20,000	Determination Date:	N/A	PGE proposal to build 22 miles single-circuit and 187 miles of double-circuit, 500-kV transmission line from Boardman to Salem, Oregon. (USFS lead agency; BPA cooperating agency)
		NOI:	May-10	
		Scoping:	June-Aug 2010	
		Draft	May-13	
		Supplemental Draft	Jun-13	
		Final	Jun-13	
		ROD	Feb-13	
<b>Boardman to Hemingway Project</b> <b>Morrow, Umatilla, Union, Baker, and Malheur Counties, OR; Washington, Payette, Canyon, and Owyhee counties, ID</b> (BPA cooperating agency)	\$ 20,000	Determination Date:	N/A	Idaho Power proposal to build 500-kV line from a proposed substation near Boardman, Oregon to the Hemingway substation near Melba, Idaho. (BLM lead agency; BPA cooperating agency).
		NOI:	9/12/2008	
		Scoping:	Jul-Sep/2010	
		Draft	TBD/2013	
		Final	TBD/2014	
		ROD	TBD/2014	
<b>Total estimated cost</b>			<b>\$ 8,810,000</b>	

\*Please include projected NEPA milestones, if planned

## Annual NEPA Planning Summary

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

*Bonneville Power Administration*

*Jan-13*

Title, Location, Document Number	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description <i>(including indications of cancelled documents)</i>
<b>Coho Production Facility</b> Yakima County, WA	\$ 500,000	EIS Determination Date:	TBD	BPA funding for new hatchery proposed by the Yakama Nation.
		NOI:	TBD	
		Scoping:	TBD	
		Draft	TBD	
		Hearings	TBD	
		Final	TBD	
		ROD	TBD	
<b>Walla Walla Spring Chinook Hatchery</b> Walla Walla County, WA	\$ 750,000	EIS Determination Date:	Feb-13	BPA funding for upgrade of existing hatchery to expand spring chinook hatchery activities.
		NOI:	Feb-13	
		Scoping:	Mar-13	
		Draft	Dec-13	
		Hearings	Jan-14	
		Final	Jun-14	
		ROD	Jul-14	
<b>Northern Intertie Project</b> Lewis, Pierce and Thurston counties, WA	\$ 1,200,000	EIS Determination Date:	Oct-13	Rebuild Olympia-South Tacoma 230-kV transmission line (37 miles) and the Chehalis-Covington 230-kV transmission line (47 miles). Upgrades possible along portions of other BPA transmission lines.
		NOI:	Oct-13	
		Scoping:	Nov-13	
		Draft	Jan-14	
		Hearings	Feb-15	
		Final	Aug-15	
		ROD	Sep-15	
<b>Crystal Springs Hatchery</b> near Springfield, Bingham County, ID	\$ 250,000	EIS Determination Date:	Mar-13	BPA funding for new hatchery by the Shoshone-Bannock Tribes to produce spring/summer Chinook and Yellowstone cutthroat trout.
		NOI:	Mar-13	
		Scoping:	Mar-13	
		Draft	Jun-13	
		Hearings	TBD	
		Final	Jun-14	
		ROD	Sep-14	
<b>CRITFC White Sturgeon Hatchery</b> near Tri Cities Benton County, WA	\$ 500,000	EIS Determination Date:	TBD	Fund repurpose of existing Ringold Hatchery to produce White Sturgeon for release in the Columbia River.
		NOI:	TBD	
		Scoping:	TBD	
		Draft	TBD	
		Hearings	TBD	
		Final	TBD	
		ROD	TBD	
<b>Total</b>	\$ 3,200,000			