

# Public Scoping Comment Report Big Eddy–Knight Transmission Project

June 2009 through September 2009

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## ***Background***

The Bonneville Power Administration is proposing to construct a 500-kilovolt transmission line from BPA’s Big Eddy Substation near The Dalles, OR, to a proposed substation about four miles northwest of Goldendale, WA.

In June 2009, BPA began a public scoping process for the project and requested comments to help determine what issues should be studied in the environmental impact statement (EIS) being prepared. This report describes how comments were requested from the public, summarizes the types of commentors and comments received, lists names of the commentors, and provides a table of all the comments received organized by EIS subject. The comments are helping refine our alternatives and shape the scope and content of the EIS.

## ***Requesting Comments***

BPA contacted people and groups that may be interested or affected by the project including landowners; tribes; concerned citizens; interest groups; and local, state, and federal government agencies.

BPA took the following steps to inform people about the project and gather comments:

- published a Notice of Intent to prepare an EIS and conduct public meetings in the Federal Register on June 3, 2009 (FR 26679)
- mailed a letter, map, and comment form packet in June 2009 to over 430 people
- held two open-house style public meetings—one in The Dalles, OR June 30, 2009 (42 people attended) and another in Goldendale, WA on July 1, 2009 (72 people attended)
- published notices in the following local papers: The Dalles Chronicle, the Tri-City Herald, and the Goldendale Sentinel
- held one-on-one meetings with county commissioners and planners, state agencies, tribes, and interest groups
- established a project Web site with an online comment function
- provided a toll-free phone line and fax, and a mailing address for receiving comments.

## ***Comment Summary***

As of September 2009, 441 people had submitted approximately 2,871 comments. BPA received comments in the form of letters, e-mails, phone calls, and in-person at the public meetings. Each piece of correspondence was given a unique number, and each comment within the correspondence was categorized by subject according to the relevant EIS chapter and section in which the comment would be considered. The categorized comments can be found in the Public Scoping Comments table at the end of this report.

The Comment Summary table below gives a sense of how the comments were received, where the individuals who commented generally live, and the issues we heard about.

<b>Comment Summary</b>	
<b>Manner in which Comments were Received</b>	<b>Number Received</b>
Letter	23
Form Letter	6 <sup>a</sup>
E-mail	12
Form E-mail	255 <sup>a</sup>
Telephone	24
Public Meetings (Number of attendees)	114
Comment Form	7
<b>Type of Commentors</b>	<b>Number of Commentors</b>
Individuals/individual business	428
Federal agency	2
State agency	5
Local government agency	3
Environmental/conservation organization	3
<b>Commentors by Geographic Location</b>	<b>Number of Commentors</b>
Goldendale, WA	51
Lyle, WA	3
Centerville, WA	22
Other Washington communities	44
Portland/Vancouver area	155
The Dalles, OR	16
Other Oregon communities	82
Out-of state -- California	8
No or incomplete address	60
<b>Relevant EIS Chapter and Section</b>	<b>Number of Comments</b>
<b><i>EIS Chapter 1—Purpose of and Need for Action</i></b>	
Decision Process	8
Need	53
Public Involvement	29
<b><i>EIS Chapter 2—Proposed Action and Alternatives</i></b>	
East Alternative	2
Middle Alternative	10
West Alternative	35
Line Planning	22
No Action Alternative	8
Project Description	349
Property Access	10
Schedule/Costs	17
Substation B	2

Relevant EIS Chapter and Section	Number of Comments
<b><i>EIS Chapter 3—Affected Environment, Environmental Consequences, and Mitigation</i></b>	
Air Quality	3
Cultural Resources	270
Cumulative Impacts	8
Environmental Justice	2
Fish & Wildlife	298
General Issues	34
Geology	5
Health and Safety	29
Land Use	634
Noise	6
Socioeconomics	114
Soils	5
Transportation	8
Vegetation	289
Visual Resources	307
Water Resources	20
Wetlands	18
<b><i>EIS Chapter 4—Consultation, Review, and Permit Requirements</i></b>	
Permits/Consultation	264
<b><i>Other</i></b>	
Outside Scope of EIS or Not Affected	2

People gave us a wide range of issues and concerns about the project to consider. Key points include the following:

- Questions about the underlying need for the project; for example, whether the project is needed for the wind farms in the area, and where the power on a new line would go.
- Questions about the design of the proposed transmission line— how big the towers would be, how much right-of-way would be needed, how close the line could be to existing lines.
- Opinions and data supporting a particular route for the line.
- Concern about the visual impact on views in the Columbia River Gorge National Scenic Area, other recreation areas and homes.
- Concern about how the line would affect farming, such as possible irrigation and aerial spraying disruptions and effects on crops during construction.
- Concern about impacts to natural preserve areas, wildlife habitat and protected animal and plant species.
- Concern about potential human health risks associated with electromagnetic fields.
- Concern that the project would impact property values, the ability to sell land being subdivided and the inherent value of family homesteads.

Please see the Public Scoping Comments table for all the comments organized by subject. Please see the project Web site for all comments in their original correspondence.

## ***List of Commentors***

BEP090001 Shawn Zumwalt, Oregon Department of State Lands  
BEP090002 Charles Eshelman & Alice Coleman Eshelman  
BEP090003 Sam Harrison  
BEP090005 Dennis Ashe  
BEP090006 Robert Wohlsein  
BEP090007 Mark Doubravsky  
BEP090008 Scott McEwen, Columbia Land Trust  
BEP090009 Van Eaton  
BEP090010 Robert E. Morrow  
BEP090011 Mark Rankin  
BEP090012 Jim E. Hill  
BEP090013 Lenny Anderson & Gisela Foesterman  
BEP090014 Thomas E. Roth  
BEP090015 Sam D. and Twyla Harrison  
BEP090021 Gary & Lynda LaVine  
BEP090022 Douglas Closner  
BEP090023 Shannon McCaw  
BEP090024 Todd Cornett, Wasco County Planning & Development  
BEP090025 Mark & Letty Mesecher  
BEP090027 Rachel Hurst  
BEP090029 Paul Chiles, Horseshoe Bend Ranch  
BEP090030 Matthew Chiles  
BEP090031 Gary Berndt/Matt Fromherz, Washington Department of Natural Resources  
BEP090032 Lenny Anderson & Gisela Foesterman  
BEP090033 Bob Divers, Divers Ranch  
BEP090034 Mark Garner  
BEP090035 John Garner  
BEP090036 Phil Garner  
BEP090037 Rory D Westberg, U.S. Department of Interior, National Park Service  
BEP090039 Mark Rankin & Theresa Ponce Rankin  
BEP090040 Harry Chaussee  
BEP090041 David M Phillips, Project PATCH  
BEP090042 David M Phillips, Project PATCH  
BEP090043 Richard Till, Friends of the Columbia Gorge  
BEP090044 Dan Eckton, Eckton Ranch, LLC  
BEP090045 Carter Timmerman, Washington Department of Transportation, Aviation Division  
BEP090046 Angie Kenney, Columbia River Gorge Commission  
BEP090047 Kristin Cameron  
BEP090049 24 recorded phone conversations  
BEP090050 Goldendale Open House Public Comments, 72 attendees  
BEP090051 The Dalles Open House Public Comments, 42 attendees  
BEP090052 Jeff Horne and same letter from 252 different signers  
BEP090053 Teresa Kubo, U.S. Environmental Protection Agency, NEPA Review Unit  
BEP090054 Joanne Alexander  
BEP090055 Gwen Clear, Washington Department of Ecology  
BEP090056 Betsy Billeter  
BEP090057 Travis Nelson, Washington Department of Fish and Wildlife

BEP090058 Richard Till, Friends of the Columbia Gorge  
 BEP090059 Gary Hardke, Cannon Power Group  
 BEP090060 Dave Brotherton, Centerville Fire Department  
 BEP090061 Kroll  
 BEP090062 Dove  
 BEP090063 Clennon  
 BEP090064 Blakstad  
 BEP090065 Closner  
 BEP090066 Bjergo  
 BEP090067 McClimans

Attendees—June 30, 2009 The Dalles, OR Public Meeting

Susan Van Leuven	R. Morrow	Jim Burrgs	Gary Nychyl
Mike Staats	Ly (not legible)	Dan Eckton	Spouse who did not
Randy Cowart	Bill Ward	Dougal	sign in
Roxie Cowart	Colleen Schafroth	B. Lavier	Angie Kenney
Jann Manning	John Furlong	Rich Remington	Theresa Rankin
Ray Manning	Not legible	Brook Remington	Steve Hall
Jack W. (not legible)	Not legible	Donna Hankle	Marty Matherly
Iris Hystad	Todd Cornett	Ron Johnson	Beck Matherly
Winston Low	Chuck Hagele	Phil Kaser	Dwight Langer
Lorraine Hanson	Mike Summers	Vince Jussila	Diane B.
Stu A. (not legible)	Rich Davis	Gwn Schatz	

List of Attendees—July 1, 2009 Goldendale, WA Public Meeting

Alex Walker	Dennis Dixon	John Miller	Tom Walker
Dan Jagelsy	Cheryl Woods	Jim Smith	Max Fernandez
Larry Hurst	Mike Woods	Marven Hurtt	Ken Hill
Kay Cameron	Dan McElravy	Anne Jinnpe	Otis Smith
Brad Cameron	Lori McElravy	Jim Kitchen	Gordon Kelsey
Ron Diselt	Patricia Thompson	Nancy Kitchen	Laurie Wilhite
Peter Cornelison	Brian Fletcher	Ernie Anderson	Jan Wilhite
Mike Thiele	Bob Princehouse	Linda Anderson	Judy Wells
Daniel Lichtenwald	Harry Larsen	Clarence Tupper	Robert Wells
Tony Sarsfield	Lenny Anderson	Ken McKune	Dan Eckton
Betsy Billeter	Rich Randall	Carol Garcia	Neil Wiidanen
Melody Hill	Larry C. (not	Mark Garner	Robert Larsen
Dale Zhiele	legible)	Phil Garner	R. Manor (not
M. Svet	Judy Princehouse	Not legible	legible)
Louise Brown	Buck Clark	Don Wilhite	Jim Hill
Mark Mesecher	Nancy Clark	Nadine Huxley	Karla Nolan
Dick Case	Ray Mosbrucker	Matt Chiles	
Mary Bruhn	Kevin Smalling	Kimberly	
Cameron	Mary Anne Englout	Doubrowsky	
Yourkowski	Greg Gallagher	Paul Enwards	

List of 252 signers of form e-mail (Correspondence #BEP090052)

Alexander Valerie	Cornelison, Peter	Hard, Fred
Alford, Steve	Coulter, Catherine	Hassin, David
Allen, Laura Duncan	Cox, Jack	Hatcher, Lynn
Altmann, Rachel	Cox, Tawny	Hazlett, Pat
Anderson, Lyle	Craig, Edward	Heins, Erika Heins
Anderson, Rachael	Cummings, George	Hewitt, Lorna
Arabasz, Claudia	Cunningham, Chadwick	Hodgdon, Laura
Arcana, Judith	Curran, Claudia	Holden Montag Sandra
Archer Kathleen	Dancer, Daniel	Hopkins, Charlie
Armentrout, Barry	Deagle, Susie	Horne, Jeff
Askins, Susanna	Deane, Jeanne	Hoyle, Lester and Judy
Bailey, Joan	Dee, Lenny	Hunter, Christopher
Bandorawalla, Tozer	Deloff, D.	Jackson, Nate
Barker, Tessa	Dickinson, Kelly	Jacobson, Jeanne
Bartel, Barbara	Dondlinger, Rebecca	Jergovic, Nicole
Beamer, Carol	Doolen, Sue	Johnson, Joan C.
Beamer, Kelley	Drach, Loreley	Johnson, Michael
Beinlich Brian	Ellen, Mary	Jones, Robert
Bernstein, Barbara	Enfield, Norm	Jordan, Rachel
Billings-Yun, Melanie	Ensign, Dianne	Joyce, Mary Anne
Bishop, Evelyn	Estes, Marla	Kallas, John
Bishop, Mary	Falk, Martin	Kaplan, Elizabeth
Blackburn, Ninian	Farnsworth, Adrian	Kapuler, Al
Block, Jeffrey	Ferren, Sharon	Kay, Joel
Bonnheim, Joanna	Fisher, Judith B	Keefer, Neal
Boone, Lynette	Forrest, Mariah	Kelley, Robert
Brandow, Kim	Friday, Norma	Kelly, Wayne
Branham, Barbara	Gall, Justin	Korn, Ms. Meryle A.
Brewer, Roger	Gardner, Elizabeth	Korsunsky, Alex
Bronson, Charles	Gardner, Sandra	Kramer-Dodd, Gay
Bryant, Sally	Gearry, Marceline	Kubein, Adele
Butcher, Jean	Gerould, Steve	Kysar, John E., M.D.
Cadmus, Dan	Gerth, John	Lafrenz, Diane
Cameron, Sandie	Gohl, Larry	LaGrasse, Dr. Jeffrey Paul M.D.
Ceglie, Adriane	Goldberg, Marshall	Landis, Jan Landis
Chesser, Elizabeth	Goldsmith, Dell	Latz, Celia
Cheyne Cumming	Gorringer, Richard, Ph.D.	Lawrence, David
Christ, M'Lou	Graham, Robert	Lawrence, William
Clifton, Merle	Grams, Dale	Layne, Tobey
Cohen Bruce	Grant, David	Layton, Susan
Cohen, Leslie	Griffith, David	Leggatt, Joyce
Cohn, Sharilyn	Hafer, Sarah	Leinova, Avery
Conroy, Jim	Hamilton, John	Leka, Kymberly
Cooper, Chris	Hanks, Laura	Lemon, Ann
Corbet, Abigail	Hannah, Frances	

Lief, Greg  
Lienhard, Judith  
Light, Ted  
Luciano, Jocelyn  
Lundeen, Eric  
Lyon, Anthony  
Mac Bean, William  
Mac, N.J.  
Magnuson, Linda  
Manildi, Barbara  
Margules, Trudy  
Marney, Thomas  
Martin, Ron  
Matthiessen, Erin  
McClay, Mauria  
McComb, Melinda  
McDevitt, Sarah  
McElravey, Toby  
McIntosh, John  
Meir, Sherry  
Mele, Frank  
Meyer, Laurie  
Michaels, Christopher  
Miesen, Steve  
Miller, Barbara  
Miller, Dave  
Minneman, Lynn  
Moore, Erin  
Morris, Brenda and John  
Morris, Diane  
Moylan, Carrie Lynn  
Muirhead Bruce  
Neer, Steven  
Nelson, J.  
Nichols, David S.  
Nobles, Carrie and Buddy  
O'Harrow, Nancy  
Paul Metzger  
Petersen, Larry  
Petersen, Rick  
Planet Glassberg  
Planter, Nancy  
Polk, Nora  
Pollock, Nina  
Polychronis, Jan  
Popiela, Hank  
Proctor, Gradey  
Putnam, Lynn

Ralston, Carla  
Rancher, John  
Ray, Rick  
Rehn, Debra  
Reich, Norma  
Reyes, Caroline  
Ries, Shelley  
Roberts Brock  
Robertson, Dominick  
Rosenthal, Amy  
Roskos, Nicole  
Rubin, Charlotte  
Sanda, Rev Clyde  
Sargent, Todd  
Scheelen, Robert and  
Dolores  
Schmidt, Ivan  
Schneider, Maggie  
Schrock, Renee  
Schwartz, Elizabeth  
Schwarz, Peggie  
Schweickert, Tina  
Shadbolt, Candace  
Shaw, Cliff  
Stathatos, Michael  
Steel Steel  
Stege, John  
Sterry, Quince  
Stewart, Tracina  
Stover, Dawn  
Streight, Chris  
Sukkau, Nicholas  
Sullivan, Robert  
Sybil Kohl  
Taylor, Carol  
Taylor, Janice  
Terry, Rod  
Thompson, James  
Thomson, Arran  
Thorson, Joel  
Todd, Laurie  
Ulrey, Timothy  
Underwood, Leslie  
Van Buren  
Van Dyk, Marilyn  
Vanderzanden, Helen Jean  
Velez, Martin  
Voss-Andrae, Adriana

Wadsworth, John  
Wanderer, Kenneth  
Warren, Janette  
Waters, Ann  
Weiler, Bill  
Welsh, Bob  
Wenzlaff, Carla  
White, Maria  
Whitney, Janet  
Whitten, Sandra  
Wiley, Mary  
Wilson, Robert  
Wirth, Shauna  
Wood, John and Polly  
Wood, Jon  
Wood, Wendell  
Woods, Deanna  
Woodward, Keith  
Wright, Colleen  
Young, Delton  
Young, Steven  
Yun, Christine  
Zarkesh, Michael

**Big Eddy-Knight Transmission Project  
Public Scoping Comments**

**Notes:**

\*The following table contains many comments that relate to more than one topic. To avoid confusion, comments were only entered one time; therefore, a comment found in one chapter/section may also relate to another chapter/section, even if it is not listed there.

\*Each of the comments from the form e-mails and form letters (Correspondence #BEP090034-35, #BEP090052, and #BEP090061-66) were only listed once in the following table; however, all of the signatories and their comments were counted in the summary totals.

Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
1	BEP090049	Phone call	1	Decision Process	With this in mind [see other comments for BEP090049] Camron wanted to better understand the considerations that formed the basis for the three proposed routes. I shared the main points which are: land owner impacts, environmental points such as sensitive plants, the western grey squirrel, etc., cost, schedule, etc.
2	BEP090050	Public meeting	1	Decision Process	What are the factors for making a decision.
3	BEP090050	Public meeting	1	Decision Process	Pick the route that impacts the fewest people's lives.
4	BEP090050	Public meeting	1	Decision Process	Property owners and taxpayers should carry more weight than Friends of the Columbia Gorge!
5	BEP090050	Public meeting	1	Decision Process	Listen to the taxpayers, not Friends of the Gorge or the Gorge Commission.
6	BEP090050	Public meeting	1	Decision Process	Friends of the Gorge vs residents.
7	BEP090010	Form	1	Decision Process	Local residents' input should be more highly valued than that of non-residents and special interest groups. Residents of the Centerville and Wishram communities are more adversely affected than anyone.
8	BEP090050	Public meeting	1	Decision Process	Wind projects affect us on such a large scale; shouldn't the citizens affected be given a chance to vote on the proposed changes?
9	BEP090049	Phone call	1	Need	He [Larry] thought this was related to the windmills. I said that I thought it was to improve transmission capacity overall...
10	BEP090050	Public meeting	1	Need	What is the driving force and need behind the need for a new substation?
11	BEP090050	Public meeting	1	Need	What is need for line?
12	BEP090050	Public meeting	1	Need	Would the new line be able to accommodate new wind projects on Swale Canyon?
13	BEP090050	Public meeting	1	Need	Why the A&B substation sites?
14	BEP090050	Public meeting	1	Need	My suspicion is that the new substation is for wind projects that could be developed north of Wautoma - energy overlay zone allows wind development everywhere.
15	BEP090050	Public meeting	1	Need	I don't see a board that explains benefits of the project.
16	BEP090050	Public meeting	1	Need	Benefits should describe access to renewable energy resources and the local economic development associated with renewable resources.
17	BEP090050	Public meeting	1	Need	What is the advantage of having a line on your property; can a wind farm hook up to it?
18	BEP090050	Public meeting	1	Need	If you tell folks on the line they can have a windmill then they will sign up.
19	BEP090050	Public meeting	1	Need	Why does this solution work best electrically?
20	BEP090050	Public meeting	1	Need	Give more specificity on...electrical benefits as proposed.
21	BEP090050	Public meeting	1	Need	How does this relate to transmission problem that exists for the last 6 years in the Gorge?
22	BEP090050	Public meeting	1	Need	Building the lines eventually encourages more development. Build it and they will come.
23	BEP090050	Public meeting	1	Need	Will new line be big enough for a new wind farm near West Alternative?
24	BEP090050	Public meeting	1	Need	Will you replace the 230 kV to Portland one day?
25	BEP090050	Public meeting	1	Need	What is the legislation authorizing this line?
26	BEP090053	Letter	1	Need	The EIS should specify the underlying purpose and need for the proposed transmission line, including discussion of the planning process, power needs, power markets, customer bases, power transmission technologies, cost-effectiveness, financing, energy conservation, and any other power transmission issues that may be appropriate.
27	BEP090013	Form	1	Need	Re "requests for transmission" who will be served by this new line? Wind farms? KPUD customers? Will the line primarily import or export power?
28	BEP090050	Public meeting	1	Need	Is this needed for local use?
29	BEP090050	Public meeting	1	Need	This line is to get power to Portland?
30	BEP090050	Public meeting	1	Need	Where's the power going...?
31	BEP090050	Public meeting	1	Need	Who are the companies with queue requests associated with this line?
32	BEP090050	Public meeting	1	Need	Residents should have access to NOS queue requests at meeting.
33	BEP090050	Public meeting	1	Need	Where is the power from the wind mills going?
34	BEP090050	Public meeting	1	Need	What direction does energy flow?
35	BEP090050	Public meeting	1	Need	Where does the power go - will you have enough capacity at Big Eddy to Portland?
36	BEP090050	Public meeting	1	Need	Built to serve regional retail customers
37	BEP090050	Public meeting	1	Need	Is this to send power to California?
38	BEP090050	Public meeting	1	Need	Is this a source of energy into CA?
39	BEP090050	Public meeting	1	Need	Where's the power...coming from?
40	BEP090040	Form	1	Need	What is the useful life of this line? Are you trying to tell us we will be on this 120 year old energy distribution system for at least that long. What happened to: ethanol (1920), photovoltaic (1950), cold fusion (1989), etc...
41	BEP090009	E-mail	1	Need	If the line is to be placed on existing towers, I do not understand the need for this process.
42	BEP090006	E-mail	1	Need	We need to have a way to get the power out of this area because we have very good wind here for wind generators.
43	BEP090010	Form	1	Need	I support more transmission capacity from eastern Washington and Oregon to California and the I-5 corridor.
44	BEP090010	Letter	1	Need	But, regardless of the route, I support the construction of new or capacity enlargement of existing transmission projects to enable the development of additional alternative energy resources in Washington and Oregon. To this end, I would particularly like to see additional capacity for transmission on the D.C. route to California.
45	BEP090025	Letter	1	Need	However, I assume a realistic standpoint in understanding that this project is necessary in order to maintain the economical endeavors of Klickitat County and its support of alternative power sources.



**Big Eddy-Knight Transmission Project  
Public Scoping Comments**

Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
46	BEP090037	Letter	1	Need	While NPS supports the development of renewable clean energy...
47	BEP090043	Letter	1	Need	The BPA has permitted numerous new connections to the grid and is proposing several new transmission lines to improve the connectivity of the grid and in turn increase the grids energy capacity. These proposals resulted from the "Network Open Season Integrated Planning," where energy developers requested increased capacity to accommodate new projects (see attached fact sheet). By improving the connectivity of the grid the BPA increases the capacity of the grid to accommodate intermittent sources of energy from wind energy facilities. By increasing the regional capacity to accommodate wind energy the BPA's actions make possible and encourage wind energy developments.
48	BEP090049	Phone call	1	Need	RNWP is a non profit organization representing the interest of renewable energy (wind) and environmental groups; they are interested in the siteing process. They understand the need to locate new T-lines in order to bring new "green" power to market. They see new lines as a "necessary evil."
49	BEP090049	Phone call	1	Need	Mr. Hill indicated that he was a board member (or commissioner) for the local PUD and understood that Bonneville needs to do this work.
50	BEP090049	Phone call	1	Need	Mr. Lewis is currently working with either the operation or construction of a power plant (dam) in Texas. He is very familiar with power and the importance of it.
51	BEP090050	Public meeting	1	Need	I'm for the power line; we need it
52	BEP090050	Public meeting	1	Need	Progress is necessary. Everything needs to grow and will be growing.
53	BEP090050	Public meeting	1	Need	Good to build the line.
54	BEP090050	Public meeting	1	Need	Supportive of something to get power out of local area
55	BEP090050	Public meeting	1	Need	Are there any proposed wind developments north of the Substation site?
56	BEP090050	Public meeting	1	Need	Will having this line make it easier for wind turbines to come in?
57	BEP090050	Public meeting	1	Need	Wind projects provide good jobs.
58	BEP090050	Public meeting	1	Need	Lines should be where the wind towers are - on the farm land that want the wind development.
59	BEP090050	Public meeting	1	Need	Exporter of wind power (Klickitat Co) signed leases for future wind projects.
60	BEP090050	Public meeting	1	Need	Is this needed to tie-in wind?
61	BEP090051	Public meeting	1	Need	This project is because of wind...
62	BEP090050	Public meeting	1	Public Involvement	Is the Columbia Gorge Commission commenting on routes?
63	BEP090050	Public meeting	1	Public Involvement	When windmills were proposed on Swale Canyon, the Tribes and ecology were against it
64	BEP090051	Public meeting	1	Public Involvement	EMF Fact Sheet
65	BEP090049	Phone call	1	Public Involvement	Mr. Miller said he planned to attend the upcoming Public Meeting on the project and that he was a land owner along the route. The also pointed out that we used his brothers name ( James ) by mistake on the letter. In future communications please use his name ( John ). Same address as his borther but he ( John ) is the owner.
66	BEP090049	Phone call	1	Public Involvement	I spoke with Ms. Anderson regarding the property...She knows of the existing two lines crossing the property and will be coming to the July 1st meeting with her PEP.
67	BEP090050	Public meeting	1	Public Involvement	Contact Andy Garcia Kallinen w/ Columbia Hills Park.
68	BEP090009	E-mail	1	Public Involvement	A single three-hour visitation by the public, in my area, did not provide enough time for me to attend.
69	BEP090014	Letter	1	Public Involvement	Also I want to go on the record and say I was not contacted regarding your meetings that were held on July 1st, 2009, at Goldendale High School.
70	BEP090022	E-mail	1	Public Involvement	How about ... being properly informed!
71	BEP090046	E-mail	1	Public Involvement	I found the open house very informative - and very useful since I am relatively new to the project.
72	BEP090049	Phone call	1	Public Involvement	I received two voicemails regarding Mr. Roth not being notified on this project. I spoke with a neighbor Ms. Besy Billeter who owns a lot in the subdivision. I left my phone number for him to call me back.
73	BEP090049	Phone call	1	Public Involvement	I said that...he [Larry] could come to the Public Meeting in Goldendale, or the Dalles and discuss this [purpose of project] some more. He didn't seem to be aware of the meetings so I told him about them. He would attend the one in Goldendale.
74	BEP090049	Phone call	1	Public Involvement	Mr. Enwards is looking forward to talking to BPA representatives at the meeting in Goldendale.
75	BEP090049	Phone call	1	Public Involvement	Phil said that he will be at the meeting at The Dalles.
76	BEP090049	Phone call	1	Public Involvement	Ms. Harrison is concerned with the project and will be attending (with her husband) the July 1st meeting. I invited them to come and view the project maps which may provide answers to questions that come up between now and then... Mrs. Harrison was very courteous and I will see her at the meeting.
77	BEP090049	Phone call	1	Public Involvement	Mr. Hill phoned and was wondering if there would be a third meeting coming up in the future, as he may have to miss the meeting in Goldendale. He hopes to make it back from vacation in time, but may not be able to.
78	BEP090050	Public meeting	1	Public Involvement	Sunday Yakama Paper 78% not privately owned.
79	BEP090050	Public meeting	1	Public Involvement	There was a full page ad in the Sunday Yakama paper.
80	BEP090050	Public meeting	1	Public Involvement	BPA needs to get out more - explain what BPA does - what BPA needs.
81	BEP090050	Public meeting	1	Public Involvement	Talk to tribes.
82	BEP090050	Public meeting	1	Public Involvement	Has the Warm Springs Tribe been contacted?
83	BEP090009	E-mail	1	Public Involvement	Maybe an enlargement of the map would help.
84	BEP090010	Letter	1	Public Involvement	Particularly I wish to express my thanks for your agreeing to find out how I can obtain (purchase) a copy of the full size landowner's map with the overlay of the three locations of the alternative routes.
85	BEP090040	Form	1	Public Involvement	Please map, for public use, ley lines and major current returns from major power users along delta grid lines (i.e., streams, gas pipelines, etc.).
86	BEP090050	Public meeting	1	Public Involvement	Would like to see quad map on-line.
87	BEP090050	Public meeting	1	Public Involvement	Would like to see landowner map on-line.
88	BEP090050	Public meeting	1	Public Involvement	Is this map for public use?
89	BEP090022	E-mail	1	Public Involvement	How about decent maps...!
90	BEP090013	Letter	2	East Alternative	We prefer East Alternative.
91	BEP090060	E-mail	2	East Alternative	My suggestion is to go with the east route.

**Big Eddy-Knight Transmission Project  
Public Scoping Comments**

Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
92	BEP090050	Public meeting	2	Line Planning	How far will BPA stray from proposal once a preferred option is chosen?
93	BEP090050	Public meeting	2	Line Planning	Will the proposed corridor be changed drastically?
94	BEP090049	Phone call	2	Line Planning	Rich said that his mother, Eleanor, passed away last March and his brother Roger is the executor of the estate. Rich wanted to know if Roger as the executor could sign the PEP. I told him I thought so, but would verify that and call them back. Rich thought either himself or Roger would be at the Goldendale meeting.
95	BEP090049	Phone call	2	Line Planning	Mrs. Unger phoned and indicated that as their property was for sale right now. They are not interested in having anyone on their property for survey or anything else. They do not want to be involved in the government bureaucracy and they do not want any power lines, buried or aboveground. She will not be coming to any of the meetings, but wants it known that no one is allowed on their property. She stated that she had sent in the PEP with this information. After determining where her tax lots were located, I phoned Mrs. Unger back and told her that her property was not in the path of the proposed eastside corridor, that she was notified just due to the proximity of her property. Her property is south of Hwy 14, the corridor is north.
96	BEP090049	Phone call	2	Line Planning	He [Mr. Enwards] has worked very hard to maintain the trees on his property while thinning them to a distance of 20' between each one, and absolutely no trees are to be cut on his property.
97	BEP090049	Phone call	2	Line Planning	No one is allowed on the property without a Phone Call and notice to Mr. Enwards.
98	BEP090049	Phone call	2	Line Planning	Phil has a transmission line through his property already; wanted to know from the broad tax parcel numbers represented if the Permission to Enter (PEP) was for the existing transmission line or if it impacted the entire parcel. I told him that yes, the PEP area did include a tax parcel, but the intent is to do research for a transmission line, whether adjacent to the old corridor, or traversing off by itself. Some of the property is held by him, some is held by him and others and some is held by his Father. He is going to have to run the PEP by his Father's attorney to see if he can get that document approved for his Father. His property is outside of the Big Eddy Substation, removed by a few properties.
99	BEP090049	Phone call	2	Line Planning	Her husband has sent in the PEP with STRICT INSTRUCTIONS- AS TO HIM ACCOMPANYING ANYONE ON HIS PROPERTY -THEY MUST BE NOTIFIED AND NO DIGGING IS ALLOWED AT THIS TIME!!!!
100	BEP090049	Phone call	2	Line Planning	He [Mr. Hill] also stated that he is no longer the trustee on the properties listed on the PEP, he is the OWNER IN FEE of the property. He noted this had been recently changed in the records of Klickitat County.
101	BEP090049	Phone call	2	Line Planning	Mr. Lewis will be signing the PEP an will pdf it and email it on.
102	BEP090049	Phone call	2	Line Planning	Bob doesn't have a problem with the PEP, just that there was some sections on the form that he said he did not have property in. He asked if he could just cross these out and send it in. I said that he could and would he please be sure to initial where he made changes.
103	BEP090049	Phone call	2	Line Planning	Mr. Thayer works for the local PUD and looked at the maps there. He was also given a PEP form to sign; however, he is a ways west of the proposed corridor. He is signing the PEP and sending it in. No notice needed.
104	BEP090050	Public meeting	2	Line Planning	We don't want state to know about sensitivities on property so we won't sign permission-to-enter - property form and won't contribute to environmental studies.
105	BEP090050	Public meeting	2	Line Planning	Should notify owners if going on their property.
106	BEP090050	Public meeting	2	Line Planning	Will you need entry onto properties not crossed by line routes?
107	BEP090050	Public meeting	2	Line Planning	Don't want anyone on my property doing environmental or archeological work.
108	BEP090050	Public meeting	2	Line Planning	Concerned w/ liability of people (if they get hurt) on their property if I give permission to enter my property.
109	BEP090050	Public meeting	2	Line Planning	Concern with...soil disturbance on Department of Wildlife land while soil is soft - Fall (Nov - Apr). Walking on property okay especially along Swale Creel Canyon trail, but no vehicles during wet season.
110	BEP090050	Public meeting	2	Line Planning	PEP letter asks to do a lot on my land.
111	BEP090050	Public meeting	2	Line Planning	Dept wildlife not very accessible.
112	BEP090050	Public meeting	2	Line Planning	Give proper notification before entry!!
113	BEP090050	Public meeting	2	Line Planning	Will you talk to the landowner on tower placement?
114	BEP090014	Letter	2	Middle Alternative	...as a land owner in Klickitat County, I want to voice my opposition to the proposal Big Eddy-Knight 500 Kilovolt Line - Middle Alternative.
115	BEP090023	E-mail	2	Middle Alternative	I would like to voice our opposition to the Big Eddy-Knight 500 KV Line - Middle Alternative.
116	BEP090033	Letter	2	Middle Alternative	We object to the selection of the middle route and will vigorously oppose it in upcoming public hearings.
117	BEP090050	Public meeting	2	Middle Alternative	Discontent in Middle Alternative.
118	BEP090061	Letter (form letter, six commentors)	2	Middle Alternative	As a land owner in the River Crest development, I am very concerned about the location of the Middle Alternative path proposed for the Big Eddy-Knight project ... we ask that you not consider the Middle Alternative as a viable solution to the location of your proposed power line.
119	BEP090050	Public meeting	2	Middle Alternative	Middle Alternative is better because it doesn't go thru sensitive areas.
120	BEP090013	Form	2	No Action Alternative	No action alternative: should include a "conservation strategy" i.e., less consumption in metro areas; subsidies for micro wind/solar projects for KPUD customers and others to be served.
121	BEP090039	Letter	2	No Action Alternative	As a final piece of feedback, we also urge the Project Team to reconsider the "No Action" alternative. While some BPA representatives stated that "No Action" is off the table, we heard some encouraging comments regarding the continued analysis of the larger trends and technology that is becoming available for distributed power models that could make massive-scale projects like Big-Eddy-Knight less feasible.
122	BEP090040	Form	2	No Action Alternative	No action should be the only sane choice. Large transmission lines only encourage more large energy use and generation (consolidated). Spend our money on distributed power generation and conservation.
123	BEP090043	Letter	2	No Action Alternative	The alternatives analysis must include...other reasonable alternatives. Reasonable alternatives that should be reviewed include: • An alternative that creates a regional energy strategy that relies on conservation, efficiency, and reduction in demand as a primary strategy for meeting future energy needs. This alternative should require that renewable sources of energy will replace existing non-renewable sources of energy rather than merely adding to the existing supply and associated infrastructure.
124	BEP090050	Public meeting	2	No Action Alternative	Demand management for Portland rather than increasing capacity - this should be part of No Action Alternative.
125	BEP090051	Public meeting	2	No Action Alternative	Has enough consideration been given to distributed and micro power models to facilitate a "no build" alternative?
126	BEP090043	Letter	2	No Action Alternative	The alternatives analysis must include a "no action" alternative
127	BEP090050	Public meeting	2	No Action Alternative	What is BPA doing to promote household energy independence? (solar power)
128	BEP090050	Public meeting	2	Project Description	What will be the width of the easement?

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
129	BEP090050	Public meeting	2	Project Description	What will be the size of towers; how many conductors
130	BEP090013	Form	2	Project Description	Size - height of towers? Frequency? Height & frequency of proposed line towers?... Proposed line: # of lines (wires)? Color, height & frequency of towers, airplane lights?
131	BEP090013	Form	2	Project Description	Easement: 100' existing enlarged? Or would a new line incorporate existing line?
132	BEP090050	Public meeting	2	Project Description	How tall will the substation be?
133	BEP090050	Public meeting	2	Project Description	Will more easement acquisition be needed for the West Alt. than the Middle or East Alternatives?
134	BEP090050	Public meeting	2	Project Description	What kind of fences are built?
135	BEP090050	Public meeting	2	Project Description	How tall towers will the towers be?
136	BEP090050	Public meeting	2	Project Description	How long will the spans between the towers be?
137	BEP090050	Public meeting	2	Project Description	What will be the voltage of the proposed line?
138	BEP090050	Public meeting	2	Project Description	How much power can run next to existing the 500 kV?
139	BEP090050	Public meeting	2	Project Description	What will be the distance between towers?
140	BEP090050	Public meeting	2	Project Description	Will a DC line be closer together than AC line?
141	BEP090050	Public meeting	2	Project Description	T-Line and wind turbines - how close can they be to each other? How will they work together?
142	BEP090050	Public meeting	2	Project Description	Do lines crossing the river have marker balls?
143	BEP090050	Public meeting	2	Project Description	Can we paint the towers?
144	BEP090050	Public meeting	2	Project Description	Would BPA consider wind turbines?
145	BEP090050	Public meeting	2	Project Description	What will the towers look like?
146	BEP090050	Public meeting	2	Project Description	Whether or not more easement is necessary would affect line route owners and whether they would support it.
147	BEP090051	Public meeting	2	Project Description	How tall would the towers be?
148	BEP090051	Public meeting	2	Project Description	Can you site a 230 kV line & 500 kV line next to each other.
149	BEP090051	Public meeting	2	Project Description	What are tower heights at river crossing and canyon crossing?
150	BEP090051	Public meeting	2	Project Description	What will be the tower heights relative to existing lines?
151	BEP090013	Form	2	Project Description	Scenic resources: impacts on Columbia Gorge Scenic Area. In existing power ROWs would new line be incorporated into existing towers? Replace existing towers? Or be in addition to them?
152	BEP090050	Public meeting	2	Project Description	Is West Alternative more appealing because there's already a line there?
153	BEP090050	Public meeting	2	Project Description	Do we own right-of-way along all Alternatives?
154	BEP090050	Public meeting	2	Project Description	Is there enough right-of-way (250 ft) to build new line w/o more easement?
155	BEP090038	E-mail	2	Project Description	The preferred alternative for this project should be one that avoids or minimizes the preceding [environmental] impacts to the fullest extent possible.
156	BEP090050	Public meeting	2	Project Description	Preferred alternative should be on the route already most impacted. One where habitat is already degraded.
157	BEP090050	Public meeting	2	Project Description	Any Alternative preference right now?
158	BEP090049	Phone call	2	Project Description	I phoned Mrs. Harrison and we discussed the project. I indicated that at this time it appears that we would clip the southwesternmost portion of their property as the line crosses Horsehoe Bend Road.
159	BEP090050	Public meeting	2	Project Description	Don't understand route jog on East Alternative.
160	BEP090050	Public meeting	2	Project Description	Concerns about canyon crossings on all Alternatives.
161	BEP090050	Public meeting	2	Project Description	Give more specificity on geographic location...as proposed.
162	BEP090050	Public meeting	2	Project Description	What would be the distance of new lines from existing lines in the Wishram area?
163	BEP090050	Public meeting	2	Project Description	What is the proximity to existing lines & SR14?
164	BEP090051	Public meeting	2	Project Description	How far would new line be from the existing lines?
165	BEP090051	Public meeting	2	Project Description	How far would the new line be from the existing line?
166	BEP090051	Public meeting	2	Project Description	Put line in open range where it won't affect anything
167	BEP090050	Public meeting	2	Project Description	Will the new substation be lit at night?
168	BEP090050	Public meeting	2	Project Description	What will be the size of the new substation?
169	BEP090050	Public meeting	2	Project Description	Will there be lights at substation?
170	BEP090050	Public meeting	2	Project Description	Is this a standard substation layout?
171	BEP090050	Public meeting	2	Project Description	Why not move Substation Alternative A west to where West Alternative meets Wautoma-Ostrander?
172	BEP090050	Public meeting	2	Project Description	Gas plant on Little Klickitat River - why not locate there?
173	BEP090050	Public meeting	2	Project Description	Why is new substation located in the proposed spot instead of other areas along line?

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
174	BEK 090030	Letter	2	Project Description	...I would strongly recommend that this line be buried. The era of running high voltage overhead lines across rural America has come to an end: 1. High voltage lines are commonly buried in our area at wind production facilities. 2. The considerable expense of burying the line will be made up for in the considerable savings in transmission towers, right-of-way width reductions, legal fees and settlement fees. 3. A buried line will not disturb views, which are a primary driver of property value in Klickitat County. 4. Buried lines will be safer for people living and working in the vicinity of the lines. 5. Buried lines will encounter much less opposition by local property owners. 6. If buried lines follow underneath or along existing right-of-ways the impact would be almost non-existent for our community.
175	BEP090050	Public meeting	2	Project Description	Can you put the line underground?
176	BEP090050	Public meeting	2	Project Description	Why can't you bury the lines?
177	BEP090050	Public meeting	2	Project Description	Underground the line.
178	BEP090050	Public meeting	2	Project Description	Why not build the line underground?
179	BEP090052	E-mail (from e-mail, 242 signatories)	2	Project Description	The BPA's alternatives analysis must consider alternatives that avoid siting any new transmission lines within the National Scenic Area [Columbia River Gorge National Scenic Area] or its viewshed and alternatives that would place underground all or portions of new transmissions lines within the Scenic Area viewshed.
180	BEP090032	Letter	2	Project Description	Indeed, we urge BPA to consider a transmission link alignment that would almost totally avoid the CGNSA...perhaps extending the proposed East Alternative directly south across the River to link with the existing BPA lines in Sherman County, Oregon.
181	BEP090049	Phone call	2	Project Description	Please reconsider this project and use alternates that will not destroy the columbia gorge.
182	BEP090050	Public meeting	2	Project Description	Can you go outside the scenic area?
183	BEP090050	Public meeting	2	Project Description	If BPA is building new towers anyway, why not incorporate the old line into the new one and only have one line (DC)?
184	BEP090058	E-mail	2	Project Description	Friends [Friends of the Columbia Gorge] encourages the BPA to evaluate alternative transmission line improvements that would not require creating additional transmission corridors. The Draft EIS should clearly analyze the existing infrastructure of 115 kV, 230kV, and 500kV transmission lines and evaluate alternatives that would upgrade 115kV and 230kV lines to accommodate 500kV instead of constructing new 500kV lines in new transmission corridors. This evaluation should be distinguished from the potential to co-locate new 500kV transmission lines within or adjacent to existing corridors.
185	BEP090050	Public meeting	2	Project Description	Don't understand why East Alternative doesn't continue straight at north end.
186	BEP090050	Public meeting	2	Project Description	There is nothing just west of north cut in of East Alternative.
187	BEP090050	Public meeting	2	Project Description	Can you follow East Alternative thru Scenic Gorge along existing line?
188	BEP090050	Public meeting	2	Project Description	Why not run the new line along the existing east/west line?
189	BEP090051	Public meeting	2	Project Description	Why not put line on south side of existing through Wishram?
190	BEK 090030	Letter	2	Project Description	I would suggest that whatever route may be chosen, the route should go down the middle of sections wherever possible. Thus true North-South routing is preferred over diagonal routings. This routing method has several advantages: 1. This puts the route at the back of most pieces of property, away from dwellings and developed areas. Developed areas of property are usually close to roads, along section lines. 2. This method of routing is less likely to bisect existing properties and more likely to simply remove property from the back of existing parcels. 3. Landowners would rather have a transmission line at the back of their property than at the front or middle of it.
191	BEP090013	Form	2	Project Description	Why not an alignment adjacent to US97 via Davis Pass? - lowest gap in Columbia Hills.
192	BEP090047	Form	2	Project Description	Question of following existing lines would be most logical. Why do new when there is already an existing line? Save \$ by following your existing project.
193	BEP090049	Phone call	2	Project Description	He wanted to know why not come off of the line closer to John Day dam, much shorter, "just across the creek".
194	BEP090050	Public meeting	2	Project Description	Locate line closer to Knight Rd or even on east side of Knight to avoid houses.
195	BEP090050	Public meeting	2	Project Description	For north-south portions, run line down roads or section lines, especially section lines. Houses are usually closer to the road.
196	BEP090050	Public meeting	2	Project Description	Why not go up Knight road? PUD TX line existing on Knight Rd.
197	BEP090050	Public meeting	2	Project Description	Why not follow property lines?
198	BEP090050	Public meeting	2	Project Description	Why not design direct straight line out of Big Eddy to existing line? It would be the shortest route.
199	BEP090050	Public meeting	2	Project Description	Head straight north from Aloha Rd.
200	BEP090050	Public meeting	2	Project Description	An Alternative route is drawn on map in green by a landowner to avoid pivots in their fields.
201	BEP090050	Public meeting	2	Project Description	Washington side of river crossing; Jog in alignment; across roads; cultural surveyors.
202	BEP090050	Public meeting	2	Project Description	BPA needs to look at a route further west - thru housing development.
203	BEP090050	Public meeting	2	Project Description	Keep lines to the north of existing Harvalum-Big Eddy lines to avoid springs/houses.
204	BEP090050	Public meeting	2	Project Description	Why not locate slightly south which is less populated?
205	BEP090050	Public meeting	2	Project Description	Use existing right-of-way on Oregon side.
206	BEP090067	E-mail	2	Project Description	If you do decide to build, please try to move your routes as far from existing homes as possible. I know you like straight lines, but the world is getting smaller and it might be time to consider a few jogs to accommodate your neighbors.
207	BEP090049	Phone call	2	Project Description	He also asked if we were considering the DC test line right of way. I explained that that was still an option.
208	BEP090050	Public meeting	2	Project Description	Why not use old DC test line route?
209	BEP090050	Public meeting	2	Project Description	Can BPA use the DC test line location?
210	BEP090050	Public meeting	2	Project Description	Why not utilize the Big Eddy test line? If not used, remove and release existing test line.
211	BEP090051	Public meeting	2	Project Description	Will the DC Test line be removed?
212	BEP090012	Form	2	Project Description	Move the west (yellow) line a little west, it will not affect Dalles Mountain Ranch as much, and fewer people on the north end - Blockhouse area.
213	BEP090025	Letter	2	Project Description	If the West route was modified to reflect a location westerly to Garrison Road, and then southerly to the point of destination, more public land would be dissected, thus preventing the disruption of families on private land.
214	BEP090050	Public meeting	2	Project Description	West alternative - if it goes west of the existing line & down Horseshoe Bend Rd (going south) it would be better for farmers - it would avoid circle irrigation.

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
215	BEP090050	Public meeting	2	Project Description	Why not move the west route farther west - through forested - avoid houses?
216	BEP090050	Public meeting	2	Project Description	Use the West Alternative up to just south of the Klickitat River, then go to the Middle & East Alternative route up to the Substation
217	BEP090050	Public meeting	2	Project Description	Why doesn't the West Alternative go to Substation Alternative B?
218	BEP090050	Public meeting	2	Project Description	Why not continue to parallel existing line over to middle option on north end of West Alternative?
219	BEP090050	Public meeting	2	Project Description	Why not tie into North Bonneville line further to the west to minimize impact.
220	BEP090050	Public meeting	2	Project Description	Make a connection east to west (between West & Middle Alternatives) in an area well south of the Little Klickitat river area.
221	BEP090050	Public meeting	2	Project Description	Why don't we bring the West Alternative straight north to the existing line?
222	BEP090050	Public meeting	2	Project Description	Can BPA electrically select West Alternative and substation alternative (B)?
223	BEP090043	Letter	2	Project Description	The alternatives analysis must include...other reasonable alternatives. Reasonable alternatives that should be reviewed include: • An alternative that avoids siting any new transmission lines within the National Scenic Area or its viewshed
224	BEP090043	Letter	2	Project Description	The alternatives analysis must include...other reasonable alternatives. Reasonable alternatives that should be reviewed include: • An alternative that would place underground all or portions of new transmission lines within the Scenic Area viewshed
225	BEP090049	Phone call	2	Property Access	Dan is asking for greater detail with regard to his property and the proposed western route. I told him I would send a smaller map with more detail.
226	BEP090049	Phone call	2	Property Access	Iris lives in California and owns property in Wishram, Washington. She had questions regarding the exact location of the proposed routes. I said I would send her a smaller map with more detail so she can see where her property is relative to the line route.
227	BEP090049	Phone call	2	Property Access	Mr. Kaser called on behalf of his family ( all the Kaser's along the line route ). These properties are east of Big Eddy on the Oregon side of the middle and eastern routes. Carl asked to have a copy of all the BPA land rights sent to him so he could better understand his legal standing.
228	BEP090049	Phone call	2	Property Access	Carter wanted to have a copy of BPA's GIS file for the proposed routes.
229	BEP090049	Phone call	2	Property Access	Mr. Lewis would also like a copy of the original easement sent to him for his records.
230	BEP090049	Phone call	2	Property Access	Mr. Cowart has a residence and shop at the above addresss which is north of the Big Eddy Substation on the western Alternative (vacant corridor). He would like me to research his property and tell him where this easement is located.
231	BEP090050	Public meeting	2	Property Access	Give Kim Gleason with Klickitat County the routing alternatives to post on County GIS.
232	BEP090050	Public meeting	2	Property Access	How can we get a copy of big map w/landowner information?
233	BEP090050	Public meeting	2	Property Access	Need to research ownership west of Larson property east of West Alternative.
234	BEP090050	Public meeting	2	Property Access	Under what legal authority does BPA "act" or obtain easements?
235	BEP090044	Letter	2	Schedule/Costs	Particularly, when alternative routes [other than the west alternative]...provide ... fiscally better choices.
236	BEP090053	Letter	2	Schedule/Costs	...Burial of the transmission lines should be considered...though we recognize that transmission line burial could result in...increased construction costs.
237	BEP090051	Public meeting	2	Schedule/Costs	How much would the project cost?
238	BEP090051	Public meeting	2	Schedule/Costs	Will the project costs be seen in our power bills?
239	BEP090050	Public meeting	2	Schedule/Costs	Which alternative is the least cost?
240	BEP090006	E-mail	2	Schedule/Costs	I would like to see you using the west alignment option since you already have the right of way and I think it would be the most cost effective.
241	BEP090050	Public meeting	2	Schedule/Costs	Existing right-of-ways are appealing for cost...
242	BEP090002	Form	2	Schedule/Costs	West alternative...uses the most public land (less acquisition costs).
243	BEP090002	Form	2	Schedule/Costs	It [the Middle Alternative] utilizes no public land and will cost more for acquisition.
244	BEP090050	Public meeting	2	Schedule/Costs	Line should be on state lands, West Alternative; it will be less costly.
245	BEP090026	Online form	2	Schedule/Costs	With the cost of steel and conductor these days the west route would be the cheapest route, because it is the most direct route. And you have an abandon wood line that BPA is not getting any money from the sub at Goldendale [re: west route]. It would follow the Chenoweth Goldendale line then the Spearfish Tap and cross the dam on one of the existing lines. Or the Harvalum Big Eddy line that is not making any revenue for Bpa and has a river crossing. These seem to be the best routes for Bpa and the tax payers to get the job done the cheapest way possible.
246	BEP090050	Public meeting	2	Schedule/Costs	When will we start?
247	BEP090050	Public meeting	2	Schedule/Costs	What is the schedule for the project?
248	BEP090050	Public meeting	2	Schedule/Costs	What is the timeline of PEP & Project?
249	BEP090013	Form	2	Schedule/Costs	Topography: impact of terrain on construction and maintenance costs...Stacker Butte, Little Klickitat Canyon and Swale & Blockhouse Creek canyons.
250	BEP090060	E-mail	2	Schedule/Costs	I would also think that the adverse terrain issues would also have a bearing on construction and maintenance costs. In addition building a crossing across the Little Klickitat canyon would be much more difficult and expensive on the West route as compared with the East route.
251	BEP090050	Public meeting	2	Schedule/Costs	Wind developers should foot the bill for this.
252	BEP090010	Form	2	Substation B	The...and proposed Substation B are my choices...
253	BEP090050	Public meeting	2	Substation B	Knight Substation Alternative B more appealing.
254	BEK 090030	Letter	2	West Alternative	First, I am strongly opposed to the western route...
255	BEK090029	Letter	2	West Alternative	I am very much against the western route.
256	BEP090008	Letter	2	West Alternative	Columbia Land Trust is writing to express our strong concern regarding the proposed West Alternative route of the Bonneville Power Administration Big Eddy-Knight Transmission proposal in Klickitat County, Washington.

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
257	BEP090008	Letter	2	West Alternative	Columbia Land Trust requests that BPA amends their proposed plans to avoid locating the transmission line within the conservation easement properties. We understand and respect the difficulties related to routing this type of infrastructure. That said, the protection of conservation values is fundamental to the mission and purpose of Columbia Land Trust and to our stewardship obligations to the donors and the citizens of the state of Washington. The Land Trust is obligated to take all measures at its disposal to protect natural resources on its conservation lands.
258	BEP090011	Form	2	West Alternative	We object to the West alternative route.
259	BEP090032	Letter	2	West Alternative	...we believe that BPA should drop entirely the West Alternative alignment from further review in the Environmental Impact Study (EIS)...
260	BEP090039	Letter	2	West Alternative	We ask for your consideration to exclude the West Alternative from your Project plan path forward.
261	BEP090044	Letter	2	West Alternative	The letter is written to express strong concern regarding the proposed West Alternative route of the BPA Big-Eddy Transmission Project. This concern relates to 350 acres of our land bordering the Little Klickitat Canyon and Horseshoe Bend Road. Our property lies in the direct path of the proposed western route.
262	BEP090044	Letter	2	West Alternative	For all of the above stated reasons [see other comments for BEP090004], the proposed west alternative route traveling through Eckton Ranch makes the least amount of sense...BPA is strongly urged to amend their proposed plans and avoid locating the power lines within Eckton Ranch. Be advised all measures will be taken to protect the natural resources on this land and protect the ability to build a home and farm.
263	BEP090049	Phone call	2	West Alternative	He would like to go on record against the Westside corridor.
264	BEP090049	Phone call	2	West Alternative	...and [Mr. Roth] would like to voice his disapproval at this route .
265	BEP090049	Phone call	2	West Alternative	He [Mr. Cowart] was quite concerned that the closest structure to his east property line was under the planned line [West Alternative]. He was not aware of the vacant corridor and wanted BPA to know that this does not work for him!
266	BEP090049	Phone call	2	West Alternative	He [Bob] said things about some people wouldn't be happy about this, he thought the line furthest to the west was the better option as that would not affect his property, but he laughed and said that "not in my back yard". He said he is getting some windmills on his property so he understands as some people don't want those either.
267	BEP090050	Public meeting	2	West Alternative	The 115 line on the West Alternative is relatively benign. Don't give us the 500 kV line. The scale is more than twice the size.
268	BEP090050	Public meeting	2	West Alternative	Not many prefer the West Alternative.
269	BEP090013	Form	2	West Alternative	West alternative: Capacity of existing Goldendale Line? Year built? Life expectancy?
270	BEP090003	Letter	2	West Alternative	The West Alternative line is by far a better route than either of the other two proposed routes.
271	BEP090010	Letter	2	West Alternative	... I support the "West Alternative" route.
272	BEP090010	Form	2	West Alternative	The "West Alternative" and...are my choices...
273	BEP090015	Letter	2	West Alternative	The West Alternative line is by far a better route than either of the other two proposed routes.
274	BEP090025	Letter	2	West Alternative	This correspondence shall exemplify my formal opposition to the BPA Big Eddy-Knight Transmission Project; Middle and East Alternatives. The most appropriate route for the transmission project would be a slight modification of the currently proposed West Alternative...
275	BEP090025	Letter	2	West Alternative	Out of nine public comments specifically referring to the West Alternative Route, 6 of them are in support of this route over the other two, whereas 3 are opposed. One comment, in addition to this one, proposes a modification of the West Alternative.
276	BEP090034	E-mail (form e-mail, two	2	West Alternative	The West alternative is the best alternative for my family and I believe the community of Centerville.
277	BEP090036	E-mail	2	West Alternative	Please choose the West alternative I believe it is the best alternative for my family and the community of Centerville.
278	BEP090049	Phone call	2	West Alternative	Mr. Fernandez is in favor of the project and said he feels that it is needed. ... Mr. Fernandez is not against BPA placing another line next to the one that is there already on his property. He feels it would be less of an impact on some of the other landowners. The property is located on the Western Alternative and parallels the Chenoweth-Goldendale line at STR 10/6.
279	BEP090050	Public meeting	2	West Alternative	West Alternative is preferable to Middle Alt.
280	BEP090050	Public meeting	2	West Alternative	West Alternative clearly desired...
281	BEP090050	Public meeting	2	West Alternative	I don't have problem with West Alternative and I have property on that route.
282	BEP090050	Public meeting	2	West Alternative	We like the West Alternative.
283	BEP090050	Public meeting	2	West Alternative	Would prefer West Alternative is used.
284	BEP090050	Public meeting	2	West Alternative	Use West Alternative.
285	BEP090050	Public meeting	2	West Alternative	Prefer you not use East or Middle Alternatives, use West Alt..
286	BEP090050	Public meeting	2	West Alternative	Prefer West Alternative river crossing.
287	BEP090051	Public meeting	2	West Alternative	The West Alternative is the shortest route.
288	BEP090053	Letter	3	Air Quality	We [EPA] believe the environmental consequences section should include evaluations of potential impacts on...air quality...
289	BEP090050	Public meeting	3	Air Quality	Concern w/ construction causing...sand blowing.
290	BEP090055	Letter	3	Air Quality	There is a need to carefully plan for and constantly monitor dust prevention and control activities throughout all phases of the project. Ecology suggests the proponents develop a Fugitive Dust Control Plan (FDCP) for the entire project area from start to finish, for the life of the project and beyond. The FDCP should be comprehensive and include measures for idle areas as well as active areas. Plans should be reviewed by all project managers who will be expected to implement them, and the resources to implement the plans should be required and secured. The FDCP should include, at a minimum, the following components. <ul style="list-style-type: none"> <li>• Identification of project-related fugitive dust sources, assignment of dust control methods to each, and identification of who will be responsible for carrying out the measures during various phases of the project.</li> <li>• A commitment to secure and train personnel to implement the FDCP, and clear assignment of responsibility for compliance during all phases of the project.</li> <li>• A commitment and the ability to cease activity during windy conditions when best efforts are insufficient to control the dust.</li> <li>• A clear explanation of how the dust control measures will effectuate compliance with applicable provisions of WAC 173-400-040.</li> </ul>
291	BEP090053	Letter	3	Cultural Resources	The EIS should identify historical, archaeological, paleontological, native religious, sacred or other cultural resources that maybe affected. Knowledge of the presence or absence of significant t cultural resources in the project area and along alternative sites may be important for a reasoned choice among alternatives.
292	BEP090050	Public meeting	3	Cultural Resources	There is a homestead along _____ Alternative; the ditch east of ___ Rd once had arrow heads.
293	BEP090050	Public meeting	3	Cultural Resources	We had a fencing project on Department of Wildlife lands (West Alternative). No cultural resources found during surveys.

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294	BEP090037	Letter	3	Cultural Resources	Each route has the potential to impact the...cultural...values of the Trail. While these impacts should be further evaluated in detail in the EIS, we offer the following initial observations and concerns. ... The West Alternative route runs through Columbia Hills State Park, which includes Horsethief Lake, a designated National Historic Site (NHS). The Expedition arrived at what is now the Horsethief Lake section of Columbia Hills State Park, on October 24, 1805, during its westbound journey, and stopped again in this area upon the return route. The proposed Columbia River crossing for the West Alternative is in the general vicinity of the Expedition campsite of April 18, 1806 (as determined by Dr. Robert Bergantino). Horsethief Lake NHS has some of the most significant Native American cultural artifacts in the Pacific Northwest, some of which are considered sacred. A strong effort should be made to identify the locations of all potentially affected cultural resources in the project area, and avoid them. ... Consideration should also be given to the historic...values of the existing railroad bridge near the proposed river crossing for both the Middle and East Alternatives.
295	BEP090050	Public meeting	3	Cultural Resources	Concerned about digging for artifacts.
296	BEP090052	E-mail (form e-mail, 242	3	Cultural Resources	The western alternative would have egregious impacts on...cultural...resources [re: Columbia River Gorge National Scenic Area]. Therefore it should be immediately dropped from consideration.
297	BEP090038	E-mail	3	Cultural Resources	Impacts that can be anticipated from the West alternative include...potential impacts on the cultural resources of Horsethief Lake State Park...
298	BEP090050	Public meeting	3	Cultural Resources	Concerned about impacts to cultural...resource.
299	BEP090050	Public meeting	3	Cultural Resources	What about cultural resources...
300	BEP090053	Letter	3	Cultural Resources	We [EPA] believe the environmental consequences section should include evaluations of potential impacts on...historic and cultural resources...
301	BEP090053	Letter	3	Cultural Resources	Section 106 of the National Historic Preservation Act (NHPA), 16 U.S.C. § 470f, requires that federal agencies consider the effects of a Federal action on historic properties and determine whether the undertaking has the potential to affect historic properties. Historic properties include the archaeological, paleontological, native religious and other cultural resources in an area.
302	BEP090053	Letter	3	Cultural Resources	If the proposed action will impact Tribes in the area, then the EIS should identify the impacts...
303	BEP090053	Letter	3	Cultural Resources	...impacts to... cultural resources should be avoided and/or minimized as much as possible.
304	BEP090050	Public meeting	3	Cultural Resources	Cultural resources - NA perspective?
305	BEP090042	Letter	3	Cultural Resources	As you know, most transportation line projects affect environmental issues such as...cultural resources...
306	BEP090050	Public meeting	3	Cultural Resources	Archeological...impacts would require a lot of mitigation.
307	BEP090053	Letter	3	Cultural Resources	All possible efforts should be made to avoid impacts to significant historic and cultural resources.
308	BEP090053	Letter	3	Cultural Resources	...the EIS should...provide assurance that the tribes' treaty rights and privileges have been addressed appropriately
309	BEP090050	Public meeting	3	Cumulative Impacts	People are concerned about wind turbine adjacent to Scenic Gorge Area.
310	BEP090043	Letter	3	Cumulative Impacts	These impacts [of the proposed transmission project] include...the more extensive impacts of increasing the capacity of the grid to accommodate new sources of energy, thereby increasing impacts of energy development throughout the region.
311	BEP090043	Letter	3	Cumulative Impacts	BPA must take a hard look at... • The amount of new energy sources that would be accommodated by all new transmission lines and the impacts of that development. This includes wind energy development and any new sources of power that would be required to mitigate the intermittent production of energy from wind facilities. The impacts analysis must include cumulative impacts analysis of all proposed and likely foreseeable projects in addition to existing projects. ... During the project-specific review of wind energy facility proposals throughout the Columbia Plateau the Washington Department of Fish and Wildlife (WDFW), the Oregon Department of Fish and Wildlife (ODFW), and the U.S. Fish and Wildlife Service (USFWS) have called for analysis of cumulative impacts avian and bat species, with emphasis on the need to evaluate impact to migratory bird corridors... To date no agency has conducted a programmatic environmental review of extensive industrial-scale energy development throughout the region. Over 1,800 megawatts of wind energy development has been permitted in Klickitat County alone, with hundreds more permitted and/or constructed in Oregon. This industrial development transforms the landscape and, if not properly sited, has the potential to decimate populations of wildlife species. It is critical that the cumulative, region-wide impacts be evaluated now, before significant irreversible impacts to wildlife occur... NEPA prohibits the consideration of the environmental consequences of a project or series of projects in a piecemeal fashion. In the seminal NEPA segmentation case, <i>Thomas v. Peterson</i> , the Ninth Circuit held that the failure to consider several related actions in a single EIS "would permit dividing a project into multiple 'actions,' each of which individually has an insignificant environmental impact, but which collectively has a substantial impact." 753 F.2d 754, 758 (1985) (citing <i>Alpine Lakes Protection Society v. Schlapfer</i> , 518 F.2d 1089, 1090 (9th Cir. 1975)). Numerous other NEPA cases follow the teaching of <i>Thomas v. Peterson</i> that a project may not be broken down into segments in order to avoid full environmental review at the threshold. In <i>Blue Mountains Biodiversity Project v. Blackwood</i> , 161 F.3d 1208 (9th Cir. 1998), the court held that a series of timber sales had to be evaluated together because they were all reasonably foreseeable and were sufficiently connected. <i>Id.</i> at 1215 & n.6 Significance cannot be avoided by...breaking [an action] down into smaller component parts." <i>Id.</i> at 1215. See also <i>Environmental Defense Fund v. Marsh</i> , 6751 F.2d 983 (5th Cir. 1981) (a court may prohibit segmentation or require a comprehensive EIS for two projects, even when one is not yet proposed, if the decision-making agency has arbitrarily violated the underlying purpose of NEPA to review the environmental impacts of projects at the threshold stage); <i>People of Enemetak v. Laird</i> , 353 F. Supp. 811, 821 (D. Haw. 1973) ("almost every project can be divided into smaller parts, some of which might not have any appreciable effect on the environment.") The proposed transmission facility is a small part of BPA's larger process of increasing grid capacity to accommodate requests from energy developers for new connections. As one segment of the larger project designed to improve connectivity and capacity, the subject proposal must be reviewed in conjunction with the larger development. NEPA also requires that the BPA consider the effects of possible future construction that would be made possible if the proposed project moves forward. See <i>Lange v. Brineger</i> , 625 F.2d 812 (9th Cir. 1980); <i>Swain v. Brinegar</i> , 542 F.2d 364 (7th Cir. 1976). (Federal Highway administration must consider the effects of possible future highway construction that will be made possible by a proposed highway project.) ...In addition, the BPA is the only agency with a central role in permitting all new connections to the grid and the capacity to undertake programmatic review of the impacts of the large-scale energy development throughout the Columbia River Basin. As such, BPA must take hard look at the impacts that would result from new energy developments that would likely occur as a result from all new energy transmission infrastructures. ... <b>Tiering</b> If the BPA tiers its environmental review to prior environmental review documents the BPA must take into account any significant new information. See CFR 40 § 1502.9(c)(ii). New information may include information regarding the impacts of wind energy development that may use the new transmission lines. The National Research Council of the National Academies recently published <i>Environmental Impacts from Wind Projects</i> (2007), which analyzes potential ecological and human impacts from wind energy development. BPA should ensure that its environmental review include consideration of this, and any other significant new information related to wind energy development generally and along the Columbia River specifically.
312	BEP090053	Letter	3	Cumulative Impacts	We [EPA] believe the environmental consequences section should include evaluations of potential impacts on...connectivity to other projects.
313	BEP090053	Letter	3	Cumulative Impacts	EPA has issued guidance on how we are to provide comments on the assessment of cumulative impacts, Consideration of Cumulative Impacts in EPA Review of NEPA Documents, which can be found on EPA's Office of Federal Activities home page at: <a href="http://www.epa.gov/compliance/resources/nepa.html">http://www.epa.gov/compliance/resources/nepa.html</a> . The guidance states that in order to assess the adequacy of the cumulative impacts assessment, five key areas should be considered. EPA tries to assess whether the cumulative effects analysis: Identifies resources if any, that are being cumulatively impacted; Determines the appropriate geographic (within natural ecological boundaries) area and the time period over which the effects have occurred and will occur; Looks at all past, present, and reasonably foreseeable future actions that have affected, are affecting, or would affect resources of concern; Describes a benchmark or baseline; Includes scientifically defensible threshold levels.

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314	BEP090037	Letter	3	Cumulative Impacts	As noted above, we [NPS] are very concerned about the cumulative impacts from the numerous existing proposed new wind developments and associated infrastructure in the area. We note that there are eleven current wind projects and nine completed wind projects near the project area, based on BPA's website. Recently, a member of our Trail staff toured the Columbia River Gorge area and stated that existing wind developments outside the CRGNSA are very visible along the Trail. A strong cumulative impacts analysis covering all of these wind developments is needed in the EIS.
315	BEP090051	Public meeting	3	Cumulative impacts	Will this make wind developments even more pervasive in this area? Turbines are already an eyesore.
316	BEP090051	Public meeting	3	Cumulative Impacts	Don't care for wind towers because they are visually imposing...
317	BEP090053	Letter	3	Environmental Justice	Consistent with E.O. 12898, "Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations," Federal agencies are required to make environmental justice part of their missions by identifying and addressing, as appropriate, disproportionately high and adverse human health and environmental effects of its programs, policies, and activities on minority populations (e.g. Native American) and low-income populations. Environmental justice issues may encompass a broad range of impacts covered by NEPA, including impacts on the natural or physical environment and interrelated social, cultural, and economic impacts.
318	BEP090053	Letter	3	Environmental Justice	The BPA should develop a strategy for effective public involvement of minority and low-income populations in power line considerations, analyzing environmental, social, cultural and economic effects, and developing mitigation measures.
319	BEP090053	Letter	3	Fish & Wildlife	The scoping comments that follow are provided to inform the BPA of issues that EPA believes to be significant and warrant treatment during the NEPA process [RE: Section 309]. ... <b>Affected Environment/Existing Conditions</b> The EIS should succinctly describe the affected environment and existing conditions using appropriate scales within the analysis area (e.g., watershed analysis where applicable). The EIS should identify and discuss: <ul style="list-style-type: none"><li>• Environmental conditions along alternative transmission line routes should be described (i.e., characterize...biological and other environmental resources which have a potentially greater importance or sensitivity to impacts). Resources where existing knowledge of the resource or its sensitivity is currently lacking should be identified, and efforts should be made to collect needed information (e.g., conduct field surveys), and/or explain why such information is unavailable and cannot be obtained.</li></ul> ... Baseline resources information should characterize the biological...environment...sufficient to determine adequacy of data and information for evaluating potential environmental...impacts. This is needed to support transmission line construction and operation recommendations relative to resource protection, disclosure of mitigation measures, cumulative impact analysis, and to provide a reference for subsequent monitoring.
320	BEP090008	Letter	3	Fish & Wildlife	The Columbia Land Trust's enforcement of the conservation easement terms focuses on conserving the below values of the site. These terms are fully described in the recorded conservation easement and a baseline assessment report, which include: <ul style="list-style-type: none"><li>• Protection and long-term enhancement of wildlife habitat.</li><li>• Protection of habitat utilized by state and federally listed sensitive species.</li></ul> ...This ecological transition zone provides a diversity of habitats including oak woodlands, ponderosa pines, Columbia Basin grasslands, basalt canyon/talus slopes, and riparian areas. Each of these habitats provide niches for an abundance of bird, fish, mammal, reptile, and amphibian species, some of which are state or federally listed. The oak woodlands provide mast, nesting cavities for a variety of avian species including the Lewis woodpecker, and arboreal travelways for the western gray squirrel. The Little Klickitat River, which runs across the northern part of the property, supports summer run steelhead. ... Fish and Wildlife - Oregon white oak communities, with their mix of vegetation components, have extensive value to a great diversity of native fauna. Particularly important characteristics of this type of woodland include oak mast production, cavity formation, and availability and presence of snags. Snags and cavities are essential forest elements for a number of wildlife species to provide foraging and nesting structure. Over 200 species utilize oak mast as a high-protein food source, including a number of state listed sensitive species. The oak communities along the east side of the cascades also provide stop-over and foraging communities for migrating birds. The Horseshoe Bend properties support a wide variety of wildlife important to the region. The state listed (threatened) western gray squirrel inhabits oak and pine woodlands, particularly where there is a mix of conifer and deciduous elements and where aerial travel ways exist in semi-closed canopy woodlands. Western gray squirrel nest has been observed on the property. Other animals observed on the property include porcupine, black-tailed deer (which use the area as winter range), bobcat, river otter, coyote, rattlesnake, California mountain king snake, and alligator lizard. Some state-listed sensitive species, such as gray wolf, Townsend's big-eared bat, and California mountain king snake have potential habitat on the Horseshoe Bend property. Birds utilizing oak and pine woodlands include woodpeckers (Lewis's, Downy, and Harry), nuthatches (red breasted), Western bluebirds, stellar's jay, flickers, meadowlarks, American crows, juncos, robins, and chickadees. Various species of birds of prey also use this type of habitat, including prairie falcon, bald eagle, golden eagle, red-tail hawk, rough-legged hawk, and turkey vulture. Birds use the oak and pine communities for foraging, nesting and migration. The Little Klickitat River supports summer run steelhead trout, an anadromous salmonid that is listed federally as a threatened species and is part of the Middle Columbia River ESU (Evolutionarily Significant Unit). The property owner has observed only summer run steelhead, but there is a possibility the river supports winter run steelhead as well. Yakama Indian Nation Fisheries staff has been conducting an assessment of fish use within the Little Klickitat River.
321	BEP090053	Letter	3	Fish & Wildlife	Affected environment sections should include current quality and capacity of wildlife habitat and usage near the proposed project, and known wildlife corridors/trails that may be affected. Wildlife habitat characteristics, security, displacement, fragmentation, connectivity, and wildlife movement corridors should be assessed and disclosed.
322	BEP090053	Letter	3	Fish & Wildlife	The EIS should indicate whether any streams in the area have particular fisheries issues and values (e.g., aquatic species habitat, condition, productivity, and quality of habitat, connectivity, spawning or nursery area, or a conservation priority or population stronghold for a listed or sensitive species; identify presence of any threatened and endangered species or species of special concern, barriers to fish migration).
323	BEP090051	Public meeting	3	Fish & Wildlife	Salmon jump the falls on Little Klickitat river.
324	BEP090039	Letter	3	Fish & Wildlife	We emphasized that the canyon and our property include grey squirrel habitat and serve as a wildlife corridor for many other animals. Steelhead and salmon can be found in the Little Klickitat River.
325	BEP090034	E-mail (form e-mail, two	3	Fish & Wildlife	Finally, the middle option crosses perhaps the most important...avian habitat in the area [the Centerville valley].
326	BEP090027	E-mail	3	Fish & Wildlife	Finally, the middle option crosses perhaps the most important...avian habitat in the area [the Centerville valley].
327	BEP090036	E-mail	3	Fish & Wildlife	Finally, the middle option crosses perhaps the most important...avian habitat in the area [the Centerville valley].
328	BEP090057	Letter	3	Fish & Wildlife	WDFW [Washington Department of Fish and Wildlife] is concerned with the West Alternative route. This alternative will pass through sensitive lands that are owned by WDFW which have been acquired by various state agencies to protect specific habitat communities that are unique to this region. These lands are currently managed to protect State and Federal protected...animals.
329	BEP090061	Letter (form letter, six commentors)	3	Fish & Wildlife	It [the Little Klickitat canyon] also serves as a wildlife corridor for many animals.
330	BEP090011	Form	3	Fish & Wildlife	The endangered gray squirrel lives there [the Little Klickitat Canyon]. The river has trout and salmon.
331	BEP090050	Public meeting	3	Fish & Wildlife	There are protected species on 350-acres of Hurt property (West Alternative).
332	BEP090033	Letter	3	Fish & Wildlife	In an area experiencing significant development pressure the Ranch is adjacent to other multi generation land owners who are also committed to maintaining... wild life preservation as important to Klickitat County. A concentration of wild life including evidence of western gray squirrels, wild turkeys, deer, raccoon, hawks and owls, smaller rodents, badgers, prairie dogs and resident cattle are found within the vicinity of Spring Creek and the Little Klickitat River.
333	BEP090053	Letter	3	Fish & Wildlife	We [EPA] believe the environmental consequences section should include evaluations of potential impacts on...fisheries...wildlife, [and] biodiversity...
334	BEP090053	Letter	3	Fish & Wildlife	The EIS should evaluate impacts to wildlife and wildlife habitat from transmission line construction and operation. ...There may be particular concerns regarding power line impacts upon avian species. ...The EIS should describe coordination with the U.S. Fish and Wildlife Service (USFWS) and the Washington Department of Fish and Wildlife (WDFW) to assess whether any aspect of the proposed project may affect listed threatened or endangered species or their designated and proposed critical habitat.



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335	BEP090053	Letter	3	Fish & Wildlife	The EIS should identify if fisheries could be impaired by transmission line construction activities, including access roads.
336	BEP090042	Letter	3	Fish & Wildlife	As may be the case in other alternatives in general, an alternative [West Alternative] which crosses Patch property would adversely effect fish...resources because of the presence of the Klickitat River.
337	BEP090052	E-mail (form e-mail, 242 signatories)	3	Fish & Wildlife	The western alternative would have egregious impacts on...natural...resources [re: Columbia River Gorge National Scenic Area]. Therefore it should be immediately dropped from consideration. Besides the Scenic Area concerns, two of the alternatives, the middle and the western routes, are near or within a...natural area preserve, the Columbia Hills Important Bird Area...and endangered species habitat.
338	BEP090033	Letter	3	Fish & Wildlife	The proposed middle route of the BPA Transmission Line Upgrade [will] cross the Little Klickitat River at the confluence of Spring Creek in an area which is unusually scenic and heavily populated with wildlife ...and locating a 500kv line in the vicinity of such a natural place will impact...wild life and diminish the resource.
339	BEP090042	Letter	3	Fish & Wildlife	As you know, most transportation line projects affect environmental issues such as...sensitive...animals...and fish...resources.
340	BEP090067	E-mail	3	Fish & Wildlife	Along the same thinking of health issues is the noise of these wires. that constant buzzing...and what does it do to the deer? We have close to thirty deer in the area [re: Klickitat County, west alternative], what will it do to them and their sensitive ears?
341	BEP090043	Letter	3	Fish & Wildlife	BPA must take a hard look at... • The environmental effects on...wildlife, including state and federally listed sensitive, threatened, and endangered species (e.g. western gray squirrel, long-billed curlew) • The impacts to the National Audubon Society-designated Columbia Hills Important Bird Area ... • The impacts to migratory birds and compliance with the Migratory Bird Treaty Act • The impacts to bald and golden eagles and compliance with the Bald and Golden Eagle Protection Act...
342	BEP090051	Public meeting	3	Fish & Wildlife	Concerned about impacts to endangered species -...animals.
343	BEP090050	Public meeting	3	Fish & Wildlife	Concerned about impacts to bald eagles, deer, and coyotes.
344	BEP090050	Public meeting	3	Fish & Wildlife	Concerned about impacts to lizards & squirrels.
345	BEP090050	Public meeting	3	Fish & Wildlife	Snakes & lizards are located in sandy areas.
346	BEP090050	Public meeting	3	Fish & Wildlife	The state Fish & Wildlife is concerned about possible impacts to Peregrine falcon, Bald & Golden Eagle.
347	BEP090050	Public meeting	3	Fish & Wildlife	Concerned about owl & squirrel habitat.
348	BEP090051	Public meeting	3	Fish & Wildlife	Will two lines located adjacent to each other impact birds & wildlife? [Middle & East alternatives on Southside of Columbia River]
349	BEP090053	Letter	3	Fish & Wildlife	Wildlife habitats should be maintained, and degraded habitats restored. Measures to mitigate adverse impacts to wildlife should be described. ...Standards for transmission line support structures should conform to Practices for Raptor Protection on Power Lines. Monitoring may need to be considered to determine if bird strikes or electrocutions of birds occur as a result of this project. Field surveys are recommended to locate birds which have been electrocuted or have truck transmission liens to aid in identifying and modifying problem structures. We note that shield wires are often struck by birds in flight and efforts should be made to include design and mitigation measures to reduce potential impacts to birds.
350	BEP090053	Letter	3	Fish & Wildlife	We [EPA] encourage the BPA to develop and evaluate alternatives that...avoid fragmentation of wildlife habitat... impacts to...fish,[and] wildlife...should be avoided and/or minimized as much as possible.
351	BEP090057	Letter	3	Fish & Wildlife	As a general comment to the Middle and East Alternative route, WDFW recommends that the proposed line follow existing BPA utility lines wherever possible, avoid canyons, rock outcroppings, and any other sensitive habitats, as well as sensitive species. The ridgeline in south central Klickitat County is of particular concern as raptors are known to use this area for foraging and nesting.
352	BEP090050	Public meeting	3	Fish & Wildlife	Need to properly shield substation lights to lessen light pollution, affects on wildlife...
353	BEP090031	Letter	3	Fish & Wildlife	Any Alternative that includes DNR-managed uplands is undesirable. DNR trust lands are managed for many purposes including the protection of state and federal threatened and endangered species... and environmental protection. The construction, maintenance and operation of a transmission line conflicts with these purposes.
354	BEP090044	Letter	3	Fish & Wildlife	<b>Western Grey Squirrel Habitat</b> - The oak and pine timber of the canyon rim provide cover and an aerial travelway for the western grey squirrel population to move between major oak/pine forests existing on the eastern and western portions of the 350 acre property and beyond. The proposed western route easement bisects this important area and would negatively impact squirrel habitat and the movement of squirrels along these aerial travelways.  The western grey squirrel is an extremely shy and elusive member of this oak/pine ecosystem. In the event the BPA western route remains under consideration, the completion of an environmental impact study is necessary to determine the impact of high-voltage lines on squirrel populations including the impact on migration and movement of squirrels under 500-kilovolt lines. The squirrels may avoid the humming and electromagnetic fields characteristic of these high capacity liens. The proposed BPA western route could isolate squirrel populations and negatively impact genetic diversity.  <b>Townsend's big-eared bat</b> - The northwest section of Eckton Ranch includes an extensive cave network within a massive bolder field. This cave network is in close proximity to the proposed BPA western route easement. In the even this route remains under consideration, a Townsend's big eared bat population census study is necessary, as well, as determining the impact of high-voltage electromagnetic fields on bat navigation, migration, and habitat. Studies have demonstrated sensitivity to magnetic fields in honeybees at 0.25mG, homing pigeons at 0.1mG, and sharks and whales at 0.5mG. The proposed line will emit EMF levels of 86.7 mG under the line and 12.6 mG at 100 feet, and likely would have a significant impact on bats.  <b>Raptor Population</b> - The deep, steep sided canyon bordering the northern edge of Eckton Ranch creates unique updrafts that attract soaring raptors. These air currents combined with old growth timber inside the canyon walls, oak/pine forest along the rim, and large sections of grasslands with oak margins, all combine to provide an idea and unique habitat (soaring, hunting, and nesting grounds) for raptors. The observation of numerous bird of prey species on the property include prairie falcon, kestrel, bald eagle, golden eagle, red-tail hawk, rough-legged hawk, cooper hawk, peregrine falcon, great horned owl, bard owl, and turkey vulture. ... The Little Klickitat River drainage supports summer run steelhead trout, an anadromous salmonid listed federally as a threatened species and is part of the Middle Columbia River ESU (evolutionarily Significant Unit). First hand observations verify summer run steelhead and winter run salmon in this section of the Little Klickitat River, and there is a possibility the river supports winter run steelhead as well.
355	BEP090051	Public meeting	3	Fish & Wildlife	Concerned about impacts to Western grey squirrel
356	BEP090051	Public meeting	3	Fish & Wildlife	Klickitat canyon is a major wildlife corridor, including for western grey squirrels.
357	BEP090051	Public meeting	3	Fish & Wildlife	The West Alternative will disrupt grey squirrel habitat
358	BEP090008	Letter	3	Fish & Wildlife	The Land Trust has been monitoring these sites [the Little Klickitat conservation easement properties] for years and believe the proposed west alternative transmission line would result in the permanent loss of sensitive species and habitats. Due to the specific habitat requirements and the sensitivity of these species to disturbance it is the opinion of Columbia Land Trust that impacts to this species cannot be minimized or mitigated given the proposed route of the transmission line.
359	BEP090053	Letter	3	General	The EIS should also include an adequate explanation of the rationale for the establishment of the analysis area boundary. An appropriate analysis area should encompass the potentially affected environment, and should be able to function as an appropriate unit of analysis for projecting anticipated impacts and for measuring actual effects.
360	BEK090029	Letter	3	General Issues	This property is one of the last large wild parcels in our area [re: western route].
361	BEP090044	Letter	3	General Issues	The unique ecology, habitat, and resident species existing on Eckton Ranch make up the primary purpose for the conservation of this land.
362	BEK 090030	Letter	3	General Issues	This route crosses the Little Klickitat River deep in its wild and scenic heart where wildlife abounds and the presence of mankind is unseen.

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
363	BEP090053	Letter	3	General Issues	The EIS should succinctly describe the affected environment and existing conditions using appropriate scales within the analysis area (e.g., watershed analysis where applicable). The EIS should identify and discuss: • Power line right-of-way, power needs, customer bases, power markets, power transmission technologies, the likely present and future energy generation units to be served by the transmission line, energy conservation, cost-effectiveness, financing, and any other appropriate power transmission issues.
364	BEP090050	Public meeting	3	General Issues	Middle Alternative crosses pristine land that contains critical habitat.
365	BEP090051	Public meeting	3	General Issues	Little Klickitat River Canyon crossing is sensitive
366	BEP090044	Letter	3	General Issues	The unique ecology, habitat, and resident species existing on Eckton Ranch make up the primary purpose for the conservation of this land. The protection of these conservation values and the ability to live and farm is fundamental to our ownership.
367	BEP090050	Public meeting	3	General Issues	Concerned about maintenance issues.
368	BEP090025	Letter	3	General Issues	A modified West Alternative is the most suitable option to pursue when considering environmental...impacts to those whom this project will affect.
369	BEP090034	E-mail (form e-mail, two	3	General Issues	Please take a very serious and hard look at the environmental impact of this area [middle route, Centerville area].
370	BEP090036	E-mail	3	General Issues	Please take a very serious and hard look at the environmental impact of this area [middle route, Centerville area].
371	BEP090038	E-mail	3	General Issues	I have lived and worked in the Gorge off and on since the 1970s, and I have owned land in Klickitat County for several decades. I currently reside in Klickitat County within the general vicinity of the proposed Big Eddy-Knight transmission project area. Of the three proposed alternatives identified by BPA in the scoping notice, the West alternative would have significant impacts on the environment, beyond the impacts that would be associated with either the Middle or East alternatives.
372	BEP090044	Letter	3	General Issues	... alternative routes [other than the west alternative] exist with significantly lower environmental impact...
373	BEP090050	Public meeting	3	General Issues	Concerned about impacts to...natural resource.
374	BEP090050	Public meeting	3	General Issues	What about...environmental costs.
375	BEP090050	Public meeting	3	General Issues	West Alternative... environmentally best one.
376	BEP090053	Letter	3	General Issues	The EIS should comprehensively analyze and disclose the environmental, social and economic impacts of the transmission line construction and operation alternatives, and the likelihood of success and effectiveness of the proposed mitigation measures. The analysis of environmental consequences should include the effect of implementing the alternative on the physical, chemical and biological resources such as air and water quality, biologic components or ecosystems, and include impacts within the entire analysis area resulting from activities on all land ownerships... <b>Environmental Consequences</b> It [the EIS] should also discuss unavoidable adverse environmental effects, short-term and long-term environmental considerations, and any irreversible or irretrievable commitments of resources which would be involved with the alternatives should they be implemented. This section should address (40 CFR 1502.16): a. Direct effects and their significance. b. Indirect effects and their significance. c. Possible conflicts between the proposed action and the objectives of Federal, regional, State, and local (and in the case of a reservation, Indian tribe) land use plans, policies and controls for the area concerned. d. The environmental effects of alternatives including the proposed action. e. Energy requirements and conservation potential of various alternatives and mitigation measures. f. Natural or depletable resource requirements and conservation potential of various alternatives and mitigation measures. g. Urban quality, historic and cultural resources, and the design of the build environment, including the reuse and conservation potential of various alternatives and mitigation measures. h. Means to mitigate adverse environmental impacts.  It is also important that environmental analysis conducted during the EIS process be integrated with other planning and environmental review procedures (e.g., permitting requirements) so that all such procedures run concurrently rather than consecutively (40 CFR 1500.2(c)). The DEIS should list all Federal permits, licenses and other entitlements which must be obtained in implementing the proposal (40 CFR 1052.25).
377	BEP090011	Public meeting	3	General Issues	The construction [of the West alternative route] would affect the sensitive and unique habitat of the Little Klickitat Canyon.
378	BEP090039	Letter	3	General Issues	When we attended the public open house in The Dalles on June 30, 2009, it was clear that the BPA team members present were unaware of the sensitive micro-ecology of the Little Klickitat canyon. ... The West Alternative path is unattractive not only because of its threat to the sensitive habitat... There appear to be other, more viable paths available to the BPA which do not...impact sensitive property along the Little Klickitat and Blockhouse river canyons...
379	BEP090051	Public meeting	3	General Issues	The...East Alternatives cross open land - no micro-habitats would be impacted.
380	BEP090051	Public meeting	3	General Issues	The Middle...Alternatives cross open land - no micro-habitats would be impacted.
381	BEP090061	Letter (form letter, six commentors)	3	General Issues	The Little Klickitat canyon is a sensitive environmental area...The Middle Alternative would be a direct threat to this sensitive habitat.
382	BEP090050	Public meeting	3	General Issues	What does blasting to set towers do? What impact? Wells?
383	BEP090025	Letter	3	General Issues	The environmental impacts of all three route proposals are similar and deserve equal attention. However, when forced to choose the lesser of three evils and prioritize the potential negative and positive effects of this project, the environmental concerns not directly related to human livelihood are far less important...
384	BEP090053	Letter	3	General Issues	The EIS should comprehensively analyze and disclose ...the likelihood of success and effectiveness of the proposed mitigation measures.
385	BEP090053	Letter	3	General Issues	...We recommend that tables, maps, figures, charts, photos, etc., be used as much as possible and wherever appropriate to present and display specific features of alternatives so that features of the different alternatives can be clearly understood, and then evaluated in a comparative manner. We recommend that an alternatives matrix table that summarizes major features and significant environmental impacts of alternatives be provided to facilitate understanding of the alternatives, particularly distinctions between alternatives, and provide comparative evaluation of alternatives in a manner that sharply defines issues for the decision maker and the public to make in regard to a reasoned choice among alternatives.
386	BEP090050	Public meeting	3	General Issues	I hate to see it go through my property; ecological considerations and canyon.
387	BEP090053	Letter	3	Geology	The EIS should succinctly describe the affected environment and existing conditions using appropriate scales within the analysis area (e.g., watershed analysis where applicable). The EIS should identify and discuss: • Environmental conditions along alternative transmission line routes should be described (i.e., characterize ... environmental resources which have a potentially greater importance or sensitivity to impacts). Resources where existing knowledge of the resource or its sensitivity is currently lacking should be identified, and efforts should be made to collect needed information (e.g., conduct field surveys), and/or explain why such information is unavailable and cannot be obtained. ... Baseline resources information should characterize the ... physical environment ... sufficient to determine adequacy of data and information for evaluating potential environmental...impacts. This is needed to support transmission line construction and operation recommendations relative to resource protection, disclosure of mitigation measures, cumulative impact analysis, and to provide a reference for subsequent monitoring.
388	BEP090013	Form	3	Geology	Topography...and impact of construction and maintenance on landscape - Stacker Butte, Little Klickitat Canyon and Swale & Blockhouse Creek canyons.
389	BEP090032	Letter	3	Geology	Of the three proposed alignments, the West Alternative would require construction and maintenance of the line over the most rugged terrain...the highest elevation of the Columbia Hills and the deepest crossing of the Little Klickitat River.

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390	BEP090050	Public meeting	3	Geology	Cliff access would be hard.
391	BEP090049	Phone call	3	Geology	...not including terrain, the west route would be the better, but if you considered terrain, the east route would be the best, though it would impact him.
392	BEP090040	Form	3	Health & Safety	Study connections between a 500,000 volt electro magnetic field, drawing a line across a rural area, and navigation of honeybees and colony collapse disorder within 10 miles of the line.
393	BEP090067	E-mail	3	Health & Safety	Do you realize that the proposed west alternative line would be built right in the flight path of a private airport that has no tower? We see these planes struggling to gain altitude right after take off. Putting these tall towers right in that flight path seems to be inviting a disaster. With the winds we get here, an accident involving an aircraft would surly start a fire that would be hard to contain, and may race all the way to Goldendale. this airport should make the west alternative the worst choice.
394	BEP090050	Public meeting	3	Health & Safety	Conductors fall off sometimes.
395	BEP090050	Public meeting	3	Health & Safety	Every time you pick up a pipe under existing lines it shocks you.
396	BEP090040	Form	3	Health & Safety	Stray currents: Danger to farmers and farm animals due to the return path of current, through damp high cation exchange rate soils, back to the substation.
397	BEP090053	Letter	3	Health & Safety	Does proximity to the lines cause health problems to those people living close to them?
398	BEP090021	Letter	3	Health & Safety	Please have your environmental studies look at the emissions from these lines, and please furnish us with that information.
399	BEP090007	Form	3	Health & Safety	Major transmission line adjacent to home site - health risk due major electrical current...generated by powerlines and moisture in air...Running a major transmission line south across my property next to my home site I feel could jeopardize the health of anyone residing on the property.
400	BEP090025	Letter	3	Health & Safety	The social impacts of more private citizens being exposed to the project ramifications include potential health risks...There are plenty of studies and scientific data collections that exemplify the potential negative health impacts on people including higher rates of miscarriage, the disruption of a pacemaker, Leukemia contraction, breast cancer, the suppression of cancer treatments, Alzheimer's disease, as well as Lou Gehrig's disease. In the rural agrarian communities in which the proposed project will intersect, families make their livings by faming their land which includes constant exposure to the elements of the project. I would expect that human health factors would be a point of priority when determining approval of this project.
401	BEP090044	Letter	3	Health & Safety	High Voltage Lines Over and Near Residential Zones - Countless studies and continuing research stress the links between potential adverse health effects and exposure to ELF/EMF and RF radiation. Leukemia studies link low level EMF fields in the range of 2-4 mG with increased risk. A study (Ahlbom & Feychting, 1993) reported that at 2mG and above, exposed children were 2.7 times as likely to develop cancer as unexposed children, and at 3mG and above, the odds rose to 3.8 times as likely. According to the NIH EMF records the proposed 500 Kilovolt line would have an EMF field level of 86.7 mG under the line and 12.6 mG at 100 feet from the line.  U.S. regulatory and governing bodies agree residential areas should be avoided when locating high-voltage power lines. Subsequently, when such locations cannot be avoided, extensive steps are taken to minimize ELF/EMF radiation exposure. All recent documentation for high voltage transmission line projects bordering residential areas show extensive measures and planning to limit EMF exposure to residential sites. If no risk exists, why are significant steps taken to reduce exposure?  Internationally, a number of nations and regional governments (at least 9 EU Member States, China, Russia, and Switzerland) recognize EMF risk and have established preventative exposure limits. In fact, the European Union notes concern as major insurers have begun to exclude EMF induced harm from corporate liability insurance policies.  Of the three proposed routes, the western route has the highest density of short-platted building lots and existing homes. This is most apparent along Horseshoe Bend Road. Many of these properties have CCNRs in place defining the residential use for this area. The proposed western easement runs directly through a contractually stipulated residential site on Eckton Ranch and runs directly over a family and children's camp (Project Patch) to the north. In light of the opportunity to place the lines in areas of minimal existing or future residential development, it appears the western route alternative is not the responsible choice.
402	BEP090050	Public meeting	3	Health & Safety	I have health concerns about overhead power lines.
403	BEP090050	Public meeting	3	Health & Safety	Concerned about EMF issues. Distance of line from homes? Affects on children?
404	BEP090050	Public meeting	3	Health & Safety	EMF - concerned about bigger towers and emissions and how to protect ourselves from cancer - study to see levels and have protection in design - very important.
405	BEP090050	Public meeting	3	Health & Safety	Concerned about EMF.
406	BEP090050	Public meeting	3	Health & Safety	EMF concerns.
407	BEP090051	Public meeting	3	Health & Safety	Concerned about cancer from living next to lines.
408	BEP090067	E-mail	3	Health & Safety	It has been documented that living near power lines is a health hazard. We have direct knowledge of this through a family member. We moved here for health reasons and now this.
409	BEP090053	Letter	3	Health & Safety	We [EPA] believe the environmental consequences section should include evaluations of potential impacts on...public health...
410	BEP090053	Letter	3	Health & Safety	There can be public health concerns regarding electric fields created by a high-voltage transmission lines. Potential electromagnetic fields (EMF) field effects can include induced currents, steady-state current shocks, spark discharge shocks, and in some cases field perception and neurobehavioral responses. The DEIS should disclose any concerns regarding public health or environmental effects from EMF generated by the transmission line.
411	BEP090053	Letter	3	Health & Safety	Potential EMF buffer needs for the transmission line must be evaluated if the transmission line would be located near residences or other public facilities [RE: EMF]
412	BEP090049	Phone call	3	Health & Safety	He [Mr. Enwards ] would like the following added to the record. 1. He has been aware that we have previously had survey crews in the area which have not had adequate fire fighting equipment within their vehicles. This cannot be tolerated and vehicles not to be allowed on his property without proper fire-fighting equipment as this presents a fire danger to the entire area.
413	BEP090050	Public meeting	3	Health & Safety	Is there a fire danger? Is BPA liable?
414	BEP090051	Public meeting	3	Health & Safety	Will sparks on the lines be increased by having two lines so close together?
415	BEP090051	Public meeting	3	Health & Safety	When fires start, fire fighters stay away from lines; won't combat fire under the lines for safety (arcing) reasons.
416	BEP090060	E-mail	3	Health & Safety	From a fire department point of view, the most desirable route would be the east route. The ground is flatter, there is easy access and the area has been farmed for many years. The west route has very limited access and is much more difficult terrain to fight fires on than either of the other routes. Anything that increases the fire hazard west side of this area makes it more difficult for my fire department.
417	BEP090050	Public meeting	3	Health & Safety	Need to properly shield substation lights to lessen light pollution, affects on...human bio rhythms...
418	BEP090050	Public meeting	3	Health & Safety	What do studies say about how close is safe to a line this size?
419	BEP090050	Public meeting	3	Health & Safety	Concerned about health effects - distance, barrier-higher towers?
420	BEP090042	Letter	3	Health & Safety	As you know, most transportation line projects affect environmental issues such as...electric and magnetic field effects...
421	BEP090050	Public meeting	3	Land Use	Lots of tribal owners on lower Middle and East routes going thru where wind turbines are.
422	BEP090003	Letter	3	Land Use	It [the West Alternative] crosses Washington state lands and other properties not as heavily agricultural in nature as the other alternative routes. The Middle and East Alternatives cross mostly agricultural properties that include structures.
423	BEP090015	Letter	3	Land Use	It [the West Alternative] crosses Washington state lands and other properties not as heavily agricultural in nature as the other alternative routes...The Middle and East Alternatives cross mostly agricultural properties that include structures. Our property is located not far from Centerville, and is in the area zoned 'Extensive Agriculture' by Klickitat County. During the past several years, various grain crops have been planted in our fields.
424	BEP090050	Public meeting	3	Land Use	On East line there is a runway - Fletcher property Larry Garcia. Want to irrigate on property & run sheep, cattle & goats there.
425	BEP090050	Public meeting	3	Land Use	We alternate wheat and grazing on our land (Middle Alt., Garner family)

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426	BEP090050	Public meeting	3	Land Use	There is irrigation east of Knight Rd.
427	BEP090050	Public meeting	3	Land Use	We have property on East Alternative. Line would cross pasture land...(Larry Garcia & Brian Fletcher property).
428	BEP090050	Public meeting	3	Land Use	Landowner's adjacent to corridor planning irrigation.
429	BEP090050	Public meeting	3	Land Use	There is a ranch on elbow of Dalles Mtn Ranch.
430	BEP090050	Public meeting	3	Land Use	There are irrigation circles where the West Alternative breaks east.
431	BEP090050	Public meeting	3	Land Use	Concerned about impacts to irrigation circles.
432	BEP090050	Public meeting	3	Land Use	Crop circle irrigation west route near Wautoma-Ostrander
433	BEP090050	Public meeting	3	Land Use	Cattle graze from Centerville up to Cedar Valley Rd to Simcoe Mt. (5,000 ft) to Yakama Indian Reservation.
434	BEK 090030	Letter	3	Land Use	This route passes through land set aside for conservation in trust with the Columbia Gorge Land Trust near the Little Klickitat River.
435	BEP090008	Letter	3	Land Use	<p>The proposed route crosses at least two properties where the Columbia Land Trust holds conservation easements...a conservation easement on these properties was granted to the Columbia Land Trust on December 21, 1999 and in 2005, covering both the Residential Zone and Conservancy Zone of the properties...</p> <p>The Little Klickitat properties are sites where private landowners have donated permanent conservation easements to the Columbia Land Trust. The Columbia Land Trust is a non-profit nature conservancy organization. The Columbia Land Trust is responsible for protecting the conservation values of these sites in perpetuity.</p> <p>...</p> <p>The Columbia Land Trust's enforcement of the conservation easement terms focuses on conserving the below values of the site. These terms are fully described in the recorded conservation easement and a baseline assessment report, which include:</p> <p>...</p> <p>Conservation of parcels within a larger conservation focus area.</p> <p><b>Background</b> - In 1999 and again in 2005, the Columbia Land Trust accepted a conservation easement on the Horseshoe Bend properties located along the Little Klickitat River to protect import and conservation values within the ecologically diverse region. At the foot of the Simcoe Mountains in south central Washington, the Eastern Cascade Foothills give way to Columbia Basin Grasslands.</p> <p>...</p> <p>The conservation of the Horseshoe Bend properties establishes greater connectivity between these two conservation areas [Nature Conservancy Preserve and Klickitat Wildlife Preserve].</p>
436	BEP090011	Form	3	Land Use	We have 20 acres in perpetual Conservancy Easement. We are Land Stewards and have pledged to protect this habitat with Columbia Land Trust [re: West alternative route].
437	BEP090039	Letter	3	Land Use	<p>We...added an adjoining 20 acre parcel in 2004, which is west of the other two parcels, is Designated Forest Class, and is in a conservancy easement with Columbia Land Trust.</p> <p>When we attended the public open house in The Dalles on June 30, 2009, it was clear that the BPA team members present were unaware of the...conservancy easement we have in place for our 20 acres to the west. ... It [the Klickitat canyon and the landowners' property] is a unique and beautiful area and we have taken the steps to protect it with the perpetual conservancy easement.</p>
438	BEP090044	Letter	3	Land Use	The unique ecology, habitat, and resident species existing on Eckton Ranch make up the primary purpose for the conservation of this land. The protection of these conservation values and the ability to live and farm is fundamental to our ownership.
439	BEP090050	Public meeting	3	Land Use	Eckton Ranch is in conservation easement.
440	BEP090051	Public meeting	3	Land Use	The West Alternative crosses a legal conservation zone - Eckton Ranch LLC.
441	BEP090051	Public meeting	3	Land Use	Columbia River Land Trust has conservation easement on the West Alternative.
442	BEP090050	Public meeting	3	Land Use	The East ... Alternative...[is] adjacent to existing right-of-way and already...[has] a line crossing over the Columbia river.
443	BEP090050	Public meeting	3	Land Use	The ... Middle Alternative...[is] adjacent to existing right-of-way and already...[has] a line crossing over the Columbia river.
444	BEP090041	E-mail	3	Land Use	Please see the attachments...[Attachments include: (1) two maps of Project Patch area; (2) four website pages on Project Patch program; (3) the Project Patch land use petition (granted); a staff review of Project Patch land use petition; public hearings agenda for Klickitat County including Project Patch conditional use application.]
445	BEP090050	Public meeting	3	Land Use	Middle alternative is very open.
446	BEK 090030	Letter	3	Land Use	This route crosses directly overhead the new project Patch residential treatment facility and its associated buildings.
447	BEP090051	Public meeting	3	Land Use	Project Patch is a family treatment facility near Goldendale.
448	BEP090051	Public meeting	3	Land Use	Project Patch is just completing a lodge & cabins near the Little Klickitat along the West Alternative- not excited about having a line across the facility.
449	BEP090050	Public meeting	3	Land Use	Middle & East Alternative routes (northern portion) are near a proposed gas plant (see energy overlay).
450	BEP090037	Letter	3	Land Use	<p>The Lewis and Clark National Historic Trail (Trail) is located within the vicinity of the proposed Big Eddy-Knight Transmission Project. The Trail was established by Congress in the 1978 amendment to the National Trails System Act, and is defined as the outbound and inbound routes of the Lewis and Clark Expedition (Expedition). The Expedition travelled the Columbia River in the fall of 1805 and spring of 1806, camping eleven nights at nine different sites along the Columbia River in the project area. In addition to the river route and campsites, Highway 14 in Washington and Interstate 84 in Oregon are designated Lewis and Clark auto tour routes in this area.</p> <p>The NPS administers the Trail as a component of the National Park System and is charged with the "identification and protection of the historic route and its historic remnants and artifacts for public use and enjoyment." See National Trails System Act, P.L. 90-543, as amended. In carrying out our mission, we encourage and support efforts to maintain or restore the historic landscape, including the scenery, natural and historic objects, wildlife and the processes and conditions that sustain them, along the trail.</p> <p>The NOI indicates that a new transmission line is needed to transport electricity from new and proposed wind generation facilities in the region to load centers west of the Cascade mountain range, and to major transmission lines serving California.</p> <p>...</p> <p>Three potential routes for the proposed transmission line are being considered for evaluation in the EIS, all of which cross the Columbia River and the Columbia River Gorge National Scenic Area (CRGNSA).</p>
451	BEP090050	Public meeting	3	Land Use	Concerned about line proximity to Maryhill Museum.
452	BEP090011	Form	3	Land Use	Horseshoe Bend Road is getting paved, and more people will become residents of that immediate area (re: West alternative option).
453	BEP090050	Public meeting	3	Land Use	The East Alternative (near Knight Rd) route runs down the middle of the property section

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454	BEP090059	Letter	3	Land Use	<p>...Cannon Power Group through its affiliates, Windy Point Partners, LLC, and Windy Flats Partners, LLC&lt; is developing the Windy Point and Wind Flats wind energy projects located generally West of the BPA Rock Creek Substation. (Our 136.6MW Windy Point wind project, completed in May, 2009 is East of Highway 97 and would not be impacted by the any of the three alternative routes.)</p> <p>However, portions of our Windy Flats wind project West of Highway 97 are in the immediate vicinity of the three BPA alternative routes.</p> <p>For example, as I have marked on the attached map, a portion of our Windy Flats project currently under construction lies directly in the path of BPA's East Alternative route. The route appears to intersect with our project in or around Section 36, Township 3 North, Range 15 East which we have leased from the Washington Department of Natural Resources ("DNR"). We are currently installing a fairly concentrated number of wind turbines in Section 36 as shown on our turbine layout map I have inserted (see "blow up" of Section 36 with turbine locations). We expect the construction of these turbines to be completed in the next few months.</p> <p>I have also marked on the map with a blue dotted rectangle the general area surrounding the East Alternative route that are currently under construction as part of our Windy Flats project.</p> <p>We also have property leased, or subject to options to lease, in the vicinity of the Middle Alternative and the Western Alternative (see white dotted rectangles). These are potential expansion areas for our Windy Flats project but, to date, we have not developed project layouts with turbine and other infrastructure locations.</p>
455	BEP090002	Form	3	Land Use	West alternative offers the least disruption to farming...
456	BEP090002	Form	3	Land Use	It [the Middle Alternative] would pass our residence, disrupting farm...
457	BEP090007	Form	3	Land Use	My property is already being crossed by a major powerline that...makes irrigation a challenge because of the four towers on my property. Airplane application of herbicides and fertilizer is out of the question on the north end of said property. Adding another transmission line going straight south would totally stop airplane applications of fertilizer and herbicides hence, more cost to me.
458	BEP090027	E-mail	3	Land Use	I think you would be hard pressed to find an individual land owner that will be more affected by any of your three routes than our family if you choose the middle route, in either the amount of land affected...
459	BEP090033	Letter	3	Land Use	In an area experiencing significant development pressure the Ranch is adjacent to other multi generation land owners who are also committed to maintaining cattle ranching...as important to Klickitat County. ...locating a 500kv line [re: middle route] in the vicinity of such a natural place will impact livestock...
460	BEP090034	E-mail (form e-mail, two commentors)	3	Land Use	We run 100 head of cattle and farm a little over 400 acres of alfalfa and wheat. The proposed middle route alternative effectively splits our farm down the middle...running the length of our farm ground for an entire mile, 80 acres of which is irrigated. It then continues south running the entire length of our grazing lands for another 3+ miles....I think you would be hard pressed to find an individual land owner that will be more affected by any of your three routes than our family if you choose the middle route, in either the amount of land affected...
461	BEP090036	E-mail	3	Land Use	We run 100 head of cattle and farm a little over 400 acres of alfalfa and wheat. The proposed middle route alternative effectively splits our farm down the middle... This route runs the length of our farm ground for an entire mile, 80 acres of which is irrigated. It then continues south running the entire length of our grazing lands for another 3+ miles....I think you would be hard pressed to find an individual land owner that will be more affected by any of your three routes than our family if you choose the middle route, in either the amount of land affected...
462	BEP090044	Letter	3	Land Use	The proposed BPA western route easement is directly over a "building envelope" intended for the residential/farm use of over 200 acres of the total 350 acre Eckton Ranch LLC property. The second (Kagen) conservation easement recorded in Klickitat County, Washington, 2005 specifically stipulates this building envelope. The proposed western route BPA easement would effectively eliminate the ability to develop this property into a working, ecologically friendly farm (the expressed purpose supported by the conservation easement and the negotiated and contractually stipulated building envelope). The proposed BPA western route would result in easement induced "loss of utility" that would take a potential 280 acre farm with the ability to have a residential site, barn, outbuildings, etc., and make it undevelopable open space.
463	BEP090050	Public meeting	3	Land Use	Doesn't make sense to go through good farm (Middle Alt.)
464	BEP090050	Public meeting	3	Land Use	Concerned about difficulties with farming around tower sites (Middle Alternative)
465	BEP090050	Public meeting	3	Land Use	Most people I know think line should be on West Alt., parallel to existing line with no farm land.
466	BEP090050	Public meeting	3	Land Use	Concerned about disrupting irrigation with lines.
467	BEP090050	Public meeting	3	Land Use	Irrigation issues on middle alternative.
468	BEP090050	Public meeting	3	Land use	Routes now cut thru farmland (farmers like the wide open spaces)
469	BEP090050	Public meeting	3	Land Use	Having the line on farmlands may help keep it from being subdivided in future (would protect the ranching industry)
470	BEP090050	Public meeting	3	Land Use	Line would disturb established hay/pasture.
471	BEP090050	Public meeting	3	Land Use	Line would disturb cattle.
472	BEP090050	Public meeting	3	Land Use	Summer construction disrupts crops - feed for future.
473	BEP090050	Public meeting	3	Land Use	Where would we put our cattle during construction?
474	BEP090050	Public meeting	3	Land Use	Tower placement may affect fencing on West Alternative. Center pivot placement for fence may be affected.
475	BEP090050	Public meeting	3	Land Use	Can someone continue to raise cattle on a 500 kV right-of-way?
476	BEP090050	Public meeting	3	Land Use	Crops will not grow under existing 500kV line
477	BEP090050	Public meeting	3	Land Use	Eastern & Middle Alternatives have greater impact on agriculture; best to use West Alternative.
478	BEP090050	Public meeting	3	Land Use	Understand the need for the line, but we still want to grow wheat.
479	BEP090050	Public meeting	3	Land Use	Haven't been able to raised crops (hay) under the existing Wautoma-Ostrander - crops won't grow under the lines.
480	BEP090050	Public meeting	3	Land Use	Maybe pick a route that isn't perfect electrically to avoid farm land.
481	BEP090050	Public meeting	3	Land Use	East and Middle Alternatives can help preserve farmlands by making development less desirable & existing wind towers are already affecting the view. Keep the impact centralized.
482	BEP090051	Public meeting	3	Land Use	BPA needs to consider impacts on...farming (wheat & cattle).
483	BEP090051	Public meeting	3	Land Use	Don't like idea of routing south on the Oregon side , it would disrupt too much farm land
484	BEP090051	Public meeting	3	Land Use	Aerial spraying of wheat is difficult with the existing lines.
485	BEP090053	Letter	3	Land Use	We [EPA] encourage the BPA to develop and evaluate alternatives that...avoid... adverse...impacts to established farm and ranch operations...
486	BEP090050	Public meeting	3	Land Use	Does it make a difference going thru tribal lands? (he has grazing rights)
487	BEP090049	Phone call	3	Land Use	I am concerned about the Big Eddy Knight Transmission Project and I hope that you recognize this is in a critical area and that you will do everything to protect the Columbia River Gorge national area act. I count on you to realize that power lines are not compatible. Thank you.

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
488	BEP090050	Public meeting	3	Land Use	East Alt has less line in the scenic area.
489	BEP090050	Public meeting	3	Land Use	Wouldn't touch Columbia Hills w/a 10-foot pole.
490	BEP090050	Public meeting	3	Land Use	Concerned about river crossings and impact on the Columbia Gorge Scenic Area.
491	BEP090052	E-mail (form e-mail, 242 signatories)	3	Land Use	I am writing to comment on the proposed Big Eddy-Knight Transmission Project and its potential impact on the Columbia River Gorge, a place I care about protecting for future generations to enjoy. The Columbia River Gorge National Scenic Area is a spectacular area, recognized by Congress for its unparalleled scenic vistas and outstanding natural landscapes. ... The western alternative would have egregious impacts on...recreation resources [re: Columbia River Gorge National Scenic Area]. Therefore it should be immediately dropped from consideration. ...Besides the Scenic Area concerns, two of the alternatives, the middle and the western routes, are near or within a state park...
492	BEP090050	Public meeting	3	Land Use	We have a conservation easement that has only one building site - the line would impact the building site.
493	BEP090051	Public meeting	3	Land Use	The conservation property has one building site to manage entire property - the West alternative route goes right through that building site.
494	BEP090051	Public meeting	3	Land Use	BPA maintenance has torn-out our fences...
495	BEP090025	Letter	3	Land Use	Micro-organisms would not be able to be utilized as fertilizer due to the damaging nature of the electro-magnetic fields and traditional chemicals would once again have to be used. This seems to be in direct conflict with the national government's priority on a cleaner environment.
496	BEK 090030	Letter	3	Land Use	This [western] route expands an already large easement for much of its length.
497	BEP090003	Letter	3	Land Use	And, the West Alternative follows an existing BPA transmission line.
498	BEP090010	Form	3	Land Use	Existing rights of way should be expanded and followed to reduce the environmental impact.
499	BEP090010	Letter	3	Land Use	I believe there is less environmental impact by enlarging an existing right of way than choosing a totally new route.
500	BEP090015	Letter	3	Land Use	And, the West Alternative follows an existing BPA transmission line.
501	BEP090032	Letter	3	Land Use	Further as we learned at the Goldendale Open House on July 1, the West Alternative would require right-of-way acquisition for almost its entire length compared to the other options where BPA already owns one third to one half of the required 150' right-of-way.
502	BEP090050	Public meeting	3	Land Use	New right-of-way on West Alternative & existing is a huge area
503	BEP090050	Public meeting	3	Land Use	Easterly corridors utilize existing right-of-way across the Columbia and on the land which make them more cost effective.
504	BEP090050	Public meeting	3	Land Use	West Alternative has existing line - other Alternatives have nothing.
505	BEP090051	Public meeting	3	Land Use	We have a 115-kV line on our property now and don't want more disruption to our land.
506	BEP090053	Letter	3	Land Use	...Use of existing right-of-way corridors are generally preferred to avoid disturbance to previously undisturbed areas, although potential routings to reduce impacts to environmentally sensitive areas or other significant environmental, social or economic impacts may need to be considered.
507	BEP090042	Letter	3	Land Use	As you know, most transportation line projects affect environmental issues such as land use...
508	BEP090050	Public meeting	3	Land Use	There are larger land owners on East & Middle Alternative.
509	BEP090042	Letter	3	Land Use	Based upon the comments below, Patch strongly opposes the siting of any transmission line which would affect current or approved improvements on the Center property. We urge the BPA to consider alternate routes, and avoid Patch property because Patch is at the end of a tremendously long, expensive and finally successful path to final approval and construction of the Center. Furthermore, the Center is a quiet, peaceful, secluded retreat for therapy and healing of troubled youth, and a 500 kV transmission line onsite or adjacent, together with noise, electrical and magnetic field effects would be significantly detrimental to the Center's core purpose. ... Should BPA further disrupt construction of approved buildings, or affect existing structures, Patch will suffer additional damage as they are at the very end of a long and tortuous path to final approval of their family retreat center. In addition, if BPA's transmission line project affects improvements onsite, it would require additional rounds of County review and hearings before the Board of Adjustment.  Specifically, however, should BPA choose an alternative which places a 500 kV transmission line across, or very near Patch property, the line will adversely affect a sensitive land use and cause adverse electric and magnetic field effects to said sensitive land use. The Center is designed as a quiet, spiritual retreat in a remote area providing peace and support to troubled children and their families. The choice of location for the Center was deliberate by Patch, far away from outside influences. The beautiful Klickitat River runs through the site, and intense land uses are far removed. Steep changes in topography occur in and around the Klickitat River. If the BPA installs a noisy, intrusive 500 kV transmission line through the site, or adjacent thereto, the operation and purpose of the Center could be materially compromised. If buildings have to be removed or relocated, the entire cohesive design of the Center will require re-evaluation and re-approval. In addition, the effects, both visual, physical, and audible, of electric and magnetic fields emanating from the transmission line could prove unmanageable. In effect, the Project PATCH Family Therapy Center is a quiet, peaceful place, where buzzing and intrusive 500 kV electrical transmission lines have no place. At the Center, caring counselors work with troubled youth and their families far removed from outside influences to restore them and allow them to heal. If the use of Patch property did not require quiet and seclusion, such adverse impacts by a transmission line would not be so great. As it is, however, any permanent intrusion in such a manner is significant.  I invite you to explore Project PATCH's website, 222.projectpatch.org, to further understand the nature of the approved land use onsite. Although the legal battle to gain land use approval of the Family Therapy Center is ongoing and nearly complete, construction of the approved portions of the project is continuing. For your information, I have attached hereto selected pages from the Project PATCH website.  In sum, if BPA should choose an alternative which crosses over, or adjacent to, PATCH property, the very purpose and effectiveness of the Center could be adversely affected. With the additional weight of adverse impact on any alternative which affects PATCH property, we strongly urge the BPA to choose a different alternative.
510	BEP090050	Public meeting	3	Land Use	Concerned about impacts to Project Patch land.
511	BEP090050	Public meeting	3	Land Use	Project Patch has concerns with building under proposed West Alternative. It makes more sense to follow the north/south roadways.
512	BEP090061	Letter (form letter, six commentors)	3	Land Use	There must be more suitable locations for such a project that do not do great harm to one of the most desirable and pristine riverfront properties in Klickitat County [re: Middle Alternative].
513	BEP090010	Form	3	Land Use	The route should utilize public lands where possible.
514	BEP090010	Letter	3	Land Use	I believe the route should be on public lands as much as possible.
515	BEP090050	Public meeting	3	Land Use	The State land is not worth anything; build the West Alternative.
516	BEP090050	Public meeting	3	Land Use	I like Alternative A for substation & the West Alternative for the line because they use state property
517	BEP090050	Public meeting	3	Land Use	Problems likely on West Alternative thru state lands.
518	BEP090050	Public meeting	3	Land Use	Prefers West Alternative route going thru state land.
519	BEP090050	Public meeting	3	Land Use	Impacts on state property (West Alternative) much less than impacts on people w/ Middle & East Alternative.

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
520	BEP090053	Letter	3	Land Use	...impacts to...recreation...should be avoided and/or minimized as much as possible.
521	BEK 090030	Letter	3	Land Use	This [western] route crosses an important State Park, Dalles Mountain State Park, which is a significant part of the heart of the Columbia Gorge National Scenic Area.
522	BEP090013	Form	3	Land Use	Need to minimize impacts on Columbia Gorge Scenic Area and especially Columbia Hills St. Park and Nature Reserve and their flora and fauna.
523	BEP090032	Letter	3	Land Use	And last, the West Alternative would have severe impacts on the Columbia Hills State Park and Nature Reserve, one of the crown jewels in the east end of the Columbia Gorge National Scenic Area. As such it will surely face stiff opposition from organizations such as Friends of the Columbia Gorge if not from the Gorge Commission, US Forest Service and Washington State Parks.
524	BEP090037	Letter	3	Land Use	Each route has the potential to impact the...recreational...values of the Trail. While these impacts should be further evaluated in detail in the EIS, we offer the following initial observations and concerns. ... There are many outstanding recreational opportunities in the project area that are enhanced by the scenic views, and natural and cultural resources, within the CRGNSA. Hiking, mountain biking, windsurfing, camping, fishing, boating, wildlife watching, birding, wildflower viewing, photography, picnicking, and rock climbing, are just some of the recreational activities enjoyed by the many visitors to the Columbia River Gorge. Impacts to recreational users should be carefully evaluated in the EIS.
525	BEP090038	E-mail	3	Land Use	Impacts that can be anticipated from the West alternative include greater intrusion to the Columbia River Gorge National Scenic Area... Impacts that can be anticipated from the West alternative include...intrusion on conservation easements and trust lands...
526	BEP090043	Letter	3	Land Use	BPA must take a hard look at... • The impacts to Columbia Hills State Park, including The Dalles Mountain Ranch... • The impacts to the Washington State Department of Natural Resources-managed Columbia Hills Natural Area Preserve,
527	BEP090050	Public meeting	3	Land Use	Public lands (state park, etc) become the fall guy when large projects like this happen.
528	BEP090050	Public meeting	3	Land Use	Aesthetically good to keep line out of the nature trails & canyons with West Alternative (by Swale Creek, trail starts at Harms Rd and runs west).
529	BEP090050	Public meeting	3	Land Use	Avoid impacts to Columbia Hills State Park.
530	BEP090050	Public meeting	3	Land Use	There is a rails-to-trails trail along Swale Creek West of Middle Alternative up to Little Klickitat. Access is from Harms Rd.
531	BEP090050	Public meeting	3	Land Use	Parks Department would not like West Alternative.
532	BEP090002	Form	3	Land Use	Middle alternative crosses Coleman property and basically takes nearly all useable land...
533	BEP090002	Form	3	Land Use	Middle alternative crosses Coleman property and...disrupts housing... It would pass our residence, disrupting...&/or living compromises.
534	BEP090009	E-mail	3	Land Use	If the "West alternative" is a NEW route, the map makes it look like it goes right over my house; not an alternative I can approve.
535	BEP090013	Form	3	Land Use	Considered # of residential structures within 1/4 mile of any alignment, including zoned density - # of 20, 5 or smaller acre lots.
536	BEP090022	E-mail	3	Land Use	Two years ago I bought a RETIREMENT piece of property with a beautiful view of Mt. Adams in the RiverCrest Development. We spent all of our time developing the property and with this proposal I just might stop, and look elsewhere.
537	BEP090067	E-mail	3	Land Use	All in all I think that going through farmland would be more preferable than going though a development such as ours [re: West Alternative].
538	BEP090050	Public meeting	3	Land Use	The West Alternative is in urban growth boundary.
539	BEP090050	Public meeting	3	Land Use	Wishram area is in urban growth boundary - can be subdivided.
540	BEP090050	Public meeting	3	Land Use	I left property near state land to build a substation for wind projects possible on Swale Canyon.
541	BEP090050	Public meeting	3	Land Use	There are 33 wind sites permitted, but they are not building.
542	BEP090052	E-mail (form e-mail, 242)	3	Land Use	As BPA moves forward with this project, please...select an alternative route with the least impact on resources within the Columbia River Gorge.
543	BEP090059	Letter	3	Land Use	The purpose of this letter is to make BPA aware of our project construction and development activities that may be impacted by the three routes. We would be happy however to work with BPA in a cooperative manner to help facilitate this transmission project in any way we can. Preliminarily it would seem that the East Alternative would pose the most difficulties since we are already constructing a high concentration of turbines in that area and therefore have the least site layout flexibility. We would be please however to confer with your planning staff to see if a feasible "path through" our wind project in Section 36 could be identified as to the East Alternative.  We would also be prepared to work with your staff to try to configure our project expansion areas in the vicinity of the Middle or West Alternatives so as to try to "work around" the proposed route of the line in those areas if that is of interest to BPA.
544	BEP090007	Form	3	Noise	Major transmission line adjacent to home site...noise factor generated by powerlines...
545	BEP090050	Public meeting	3	Noise	Do not like noise on existing lines.
546	BEP090051	Public meeting	3	Noise	We can hear the lines no matter the weather or season.
547	BEP090067	E-mail	3	Noise	Along the same thinking of health issues is the noise of these wires. that constant buzzing is enough to drive anyone mad...
548	BEP090051	Public meeting	3	Noise	Concerned about humming on the line while bike riding in the area.
549	BEP090051	Public meeting	3	Noise	Concerned about noise while living next to lines.
550	BEP090050	Public meeting	3	Socioeconomics	Fewer people on north end of Middle and East Alternatives.
551	BEP090051	Public meeting	3	Socioeconomics	The East Alternative has few land owners and more open land.
552	BEP090008	Letter	3	Socioeconomics	The Columbia Land Trust's enforcement of the conservation easement terms focuses on conserving the below values of the site. These terms are fully described in the recorded conservation easement and a baseline assessment report, which include: ... • Maintenance agricultural lands as part of a rural economy and agrarian setting. • Maintenance of low intensity residential uses consistent with larger conservation purpose.
553	BEP090053	Letter	3	Socioeconomics	The EIS should succinctly describe the affected environment and existing conditions using appropriate scales within the analysis area (e.g., watershed analysis where applicable). The EIS should identify and discuss: ... • Land uses and social and economic conditions along potential transmission line corridor routes and potential conflicts and controversies in regard to land use, social and economic issues should be described.  Baseline resources information should characterize the ...social and economic conditions sufficient to determine adequacy of data and information for evaluating potential ...social and economic impacts. This is needed to support transmission line construction and operation recommendations relative to resource protection, disclosure of mitigation measures, cumulative impact analysis, and to provide a reference for subsequent monitoring. Resources for which existing knowledge of the resource or its sensitivity is currently lacking should be identified, and efforts should be made to collect needed information (e.g., conduct field surveys), and/or explain why such information is unavailable and cannot be obtained.
554	BEP090050	Public meeting	3	Socioeconomics	Along the Little Klickitat there are 600 acres divided into 120 lots - most are sold.
555	BEP090050	Public meeting	3	Socioeconomics	Olson Rd to Harms Rd - Horseshoe Bend being paved - will spur development.
556	BEP090050	Public meeting	3	Socioeconomics	House right under East Alternative.

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
557	BEP090050	Public meeting	3	Socioeconomics	No houses on Horseshoe Bend Rd farther west.
558	BEP090051	Public meeting	3	Socioeconomics	Residential areas on Little Klickitat are 20 acre properties.
559	BEP090050	Public meeting	3	Socioeconomics	Why doesn't BPA sign & pay prior to decision of line - such as wind and cell acquisition companies do?
560	BEP090015	Letter	3	Socioeconomics	The agricultural land in the Centerville, WA, area is essential to the economy of Klickitat County, WA.
561	BEP090050	Public meeting	3	Socioeconomics	How does cap & trade affect local rate payers when local power generation is "green" and we are power retailers? Are we trading payment for local production.
562	BEP090050	Public meeting	3	Socioeconomics	Don't like Middle & East Alternative because of impacts to the community.
563	BEP090003	Letter	3	Socioeconomics	The agricultural land in the Centerville, WA, area is essential to the economy of Klickitat County, WA.
564	BEP090049	Phone call	3	Socioeconomics	Larry said he is concerned about the...economic impacts with a transmission line near a house...
565	BEP090050	Public meeting	3	Socioeconomics	There is economic value for the county when houses are built.
566	BEP090050	Public meeting	3	Socioeconomics	Need to look at \$ impacts.
567	BEP090053	Letter	3	Socioeconomics	We [EPA] believe the environmental consequences section should include evaluations of potential impacts on...social and economic effects...
568	BEP090053	Letter	3	Socioeconomics	The EIS should also discuss the social and economic consequences of proposed power line construction, including effects on the local economy, job additions and losses, tax base and funding, public uses and recreation, local development, etc. The effects of the proposed facility and alternatives on community facilities, programs, systems, infrastructure of communities, and local agricultural operations along the alternative transmission line routes should be assessed and disclosed.
569	BEP090053	Letter	3	Socioeconomics	The EIS should also discuss the social and economic consequences of proposed power line construction, including effects on the local economy, job additions and losses, tax base and funding, public uses and recreation, local development, etc. The effects of the proposed facility and alternatives on community facilities, programs, systems, infrastructure of communities, and local agricultural operations along the alternative transmission line routes should be assessed and disclosed.
570	BEP090053	Letter	3	Socioeconomics	We [EPA] encourage the BPA to develop and evaluate alternatives that...avoid... adverse social and economic impacts...
571	BEP090025	Letter	3	Socioeconomics	The social impacts of more private citizens being exposed to the project ramifications include...sentimentality...a sense of sentimentality exists between many people and the lands that are proposed to be exploited. In my family's instance, our farm is in its third generation of operation and is expected to be passed down through the family to my children and their children. There have been countless hours of manual labor and intense work put into working the fields, rebuilding the original old farmhouse on the property and establishing a stable and foundational platform adequate to continually be passed down through generations. There is not another piece of land that can provide this sentiment to my family and I am sure many other farmers feel the same way. The non-monetary value of our land is priceless.
572	BEP090027	E-mail	3	Socioeconomics	My daughters are 7th generation property holders and stewards of the land in the Centerville valley. I think you would be hard pressed to find an individual land owner that will be more affected by any of your three routes than our family if you choose the middle route, in...the spirit and history that you will irreparably harm. My family are not wealthy land owners. The amount of land and cattle we manage makes enough money to keep the ranch viable so that we don't have to sell it (no one actually makes a living through this ranch anymore). We are just trying to keep a dying tradition alive. A 500 KV powerline splitting us down the middle will dramatically harm not only our family tradition but, more importantly, the tradition of many other families in this area. It is hard to really write in words the value of tradition and the many varied textures this term carries. Hard to translate into dollars and weigh the value of tradition against the monetary analysis of this project you are undertaking. But we ask that you seriously consider this aspect and at least attempt to understand this intangibility.
573	BEP090033	Letter	3	Socioeconomics	The Divers Ranch is a fourth generation cattle and timber ranch located at the confluence of Spring Creek and the Little Klickitat River. It was historically a stopping over point for Indians and settlers on the way to and from the Columbia River and the Huckleberry fields on the slopes of Mt Adams. The Divers Ranch is one of the few places where evidence of the "Old Settlers Road" still exists. The proposed middle route of the BPA Transmission Line Upgrade route crosses what is left of the "Old Settler Road" will encroach on our family burial site...
574	BEP090034	E-mail (form e-mail, two commentors)	3	Socioeconomics	My family homesteaded in the Centerville valley in 1876, our Ranch/Farm has stayed in and been worked by our family for the past 133 years. I am part of the 5th generation of Garner to live and work the land and the 6th generation is from age 1 to 13. We run 100 head of cattle and farm a little over 400 acres of alfalfa and wheat. My family and I are not wealthy land owners, this amount of land and cattle makes enough money to keep the ranch viable so that we don't have to sell it. We are just trying to keep a dying tradition alive, and a 500 KV powerline splitting us down the middle will dramatically harm not only our family tradition but, more importantly, the tradition of many other families in this area. It is hard to really write in words the value of tradition and the many varied textures this term carries. Hard to translate into dollars and weigh the value of tradition against the monetary analysis of this project you are undertaking. But we ask that you seriously consider this aspect and at least attempt to understand this intangibility. I think you would be hard pressed to find an individual land owner that will be more affected by any of your three routes than our family if you choose the middle route, in...the spirit and history that you will irreparably harm.
575	BEP090036	E-mail	3	Socioeconomics	My family homesteaded in the Centerville valley in 1876, our Ranch/Farm has stayed in and been worked by our family for the past 133 years. I am the last of the of the 4th generation of Garners to live and work the land. My family and I are not wealthy land owners, this amount of land and cattle makes enough money to keep the ranch viable so that we don't have to sell it. We are just trying to keep a dying tradition alive, and a 500 KV powerline splitting us down the middle will dramatically harm not only our family tradition but, more importantly, the tradition of many other families in this area. It is hard to really write in words the value of tradition and the many varied textures this term carries. Hard to translate into dollars and weigh the value of tradition against the monetary analysis of this project you are undertaking. But we ask that you seriously consider this aspect and at least attempt to understand this intangibility. I think you would be hard pressed to find an individual land owner that will be more affected by any of your three routes than our family if you choose the middle route, in...the spirit and history that you will irreparably harm.
576	BEP090050	Public meeting	3	Socioeconomics	Are considerations given to family homestead & history of homesteads?
577	BEP090050	Public meeting	3	Socioeconomics	Power lines will limit ability to develop houses on property.
578	BEP090050	Public meeting	3	Socioeconomics	Residential south of Little Klickitat River are really developing.
579	BEP090050	Public meeting	3	Socioeconomics	Developable land should make line go elsewhere.
580	BEP090051	Public meeting	3	Socioeconomics	We won't be able to keep houses occupied with lines nearby.
581	BEP090051	Public meeting	3	Socioeconomics	Horseshoe Bend will be paved soon and residential development is increasing.
582	BEP090051	Public meeting	3	Socioeconomics	There is a lot of development around canyon on West Alternative. Horseshoe Bend Rd. to be paved.
583	BEP090010	Letter	3	Socioeconomics	While not directly an environmental issue, I believe there is less disruption to the community if an existing right of way is followed.
584	BEP090025	Letter	3	Socioeconomics	A modified West Alternative is the most suitable option to pursue when considering...social and economic impacts to those whom this project will affect.
585	BEP090051	Public meeting	3	Socioeconomics	BPA needs to consider impacts on people...
586	BEP090025	Letter	3	Socioeconomics	...there are several local microeconomic impacts including the certain minimized yields that would have a definite impact on the allocation of limited resources. In an economy dependent upon unstable agrarian characteristics, there is no room for additional phenomenon that will add to the instability of the agricultural market. For example, this project would prevent farmers from utilizing technology such as GPS in order to fulfill maximum yields. In addition, the project would prevent farmland from being ariel sprayed which could subsequently lead to a diminished or non-existent crop. Without a crop or an adequate yield, farmers are essentially being put out of work. Again, this tends to work in direct conflict of the nation's intent to build jobs and keep America's economy building. President Obama's Recovery Act was established to help stimulate the economy and build jobs; not to put people out of jobs and steal their livelihoods.
587	BEP090050	Public meeting	3	Socioeconomics	Providing energy for large population areas exploits the smaller populations who don't have such a large voice but more to lose.
588	BEP090042	Letter	3	Socioeconomics	As you know, most transportation line projects affect environmental issues such as...socio-economics...
589	BEP090002	Form	3	Socioeconomics	West alternative offers the least disruption to...population...



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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
590	BEP090021	Letter	3	Socioeconomics	We hope that you place them where there will be less human habitat in the future.
591	BEP090025	Letter	3	Socioeconomics	However, when forced to choose the lesser of three evils and prioritize the potential negative and positive effects of this project, the environmental concerns not directly related to human livelihood are far less important than the social and economical ramifications that do entail the daily lives of local families. In terms of social considerations and as advocated by several other citizen contentions, the current West Alternative proposal would disrupt the lives of fewer people than the other two proposed routes.
592	BEP090050	Public meeting	3	Socioeconomics	West Alternative will impact fewer people.
593	BEK090029	Letter	3	Socioeconomics	As currently proposed it [the western route] comes extremely close to my property. If the proposed line were to cross my property it would significantly devalue it.
594	BEP090011	Form	3	Socioeconomics	We believe the West alternative would devalue our property both monetarily (resale)...
595	BEP090015	Letter	3	Socioeconomics	For sometime we've been planning to sell our real property this summer...our 1996 custom-built house, large storage building, surrounding tree areas, and other improvements. And, of course, our 45 acres of agricultural land. We have no intention of being forced from our property and receiving compensation based upon "comparable sales" in today's deflated real estate values. With the current housing market being what it is, we expect to have less than an easy time of selling and moving as we've planned to do.
596	BEP090021	Letter	3	Socioeconomics	We own the property to the West of the Existing Transmission Lines in Wishram Heights, North of Hwy 14. Our land is zoned for 5500 Sq Ft lots, of which we have completed 53 and have preliminary plat for an additional 104 lots on the East end of our property. We know of other property that have large transmission lines close, such as the 500-kilovolt line that you are proposing with the Big Eddy-Knight Project. These properties were hard to sale and keep occupy, because of the static emissions that these lines put out and the cancer that they may cause. We are asking that you keep this matter in mind when you are considering the placement of these lines.
597	BEP090039	Letter	3	Socioeconomics	The proposed line would...significantly reduce the value of our property...There appear to be other, more viable paths available to the BPA which do not impinge on a large number of private property owners in one of the more densely populated areas in Centerville...
598	BEP090049	Phone call	3	Socioeconomics	He [Larry] mentioned the ozone, destorys rubber around house, property value "would go into the toilet"...
599	BEP090049	Phone call	3	Socioeconomics	Mr. Roth indicated that he owned approximately 30 parcels on both side of the river which would be highly impacted by this route . He said that it would devaluate his property... According to Ms. Billeter, the subdivision is called River Crest and she provided a map for me. The existing Goldendale Chenoweth line runs through lots 1 through 9.
600	BEP090050	Public meeting	3	Socioeconomics	Property values will diminish with a new line
601	BEP090050	Public meeting	3	Socioeconomics	Concerned about impacts to resale value of property with transmission lines on it.
602	BEP090050	Public meeting	3	Socioeconomics	The project will impact people who have already built their houses on their property near existing lines.
603	BEP090050	Public meeting	3	Socioeconomics	Impacts to dividable land
604	BEP090050	Public meeting	3	Socioeconomics	Property values will go down.
605	BEP090050	Public meeting	3	Socioeconomics	Concern that new substation would decrease value of land for subdivision.
606	BEP090050	Public meeting	3	Socioeconomics	The new substation Alternative B has 5 & 2 acre lots around it. That will lower the property values. Alternative A does not have houses close by. Don't you care about the effects of your neighbors?
607	BEP090050	Public meeting	3	Socioeconomics	Going through 100 acres, corner to corner kills property value.
608	BEP090050	Public meeting	3	Socioeconomics	The County tax revenue is based on property values. If property values decline due to the visual impact of the proposed transmission line, then the county tax base will also decline. That will be a big hit to the County's economy.
609	BEP090050	Public meeting	3	Socioeconomics	Does the aesthetic evaluation come into the appraisal process?
610	BEP090051	Public meeting	3	Socioeconomics	We have plans for 140 lots in Wishram. The existing line does not affect us, but a new line will make people not want to buy.
611	BEP090067	E-mail	3	Socioeconomics	Lastly, being in real estate, every one knows that power lines will devalue property values. no one wants to live around the lines. We have trouble getting people interested in land if they are any lines in sight. Some of the pieces of property already have the existing lines on them. This proposal would add another set and make it impossible to sell or build on.
612	BEP090050	Public meeting	3	Socioeconomics	Property values diminishing because of the loss of the pristine views which made the Klickitat Valley unique.
613	BEK 090030	Letter	3	Socioeconomics	This route cuts through and significantly impacts a developed area where most land value is in scenic vistas. Second, when a transmission line cuts through a property valued for its scenic views, more value will be lost in those properties than will be paid for the existing land value of the right-of-way. For example, if the right-of-way uses 5 acres of a 20 acre parcel valued at \$100,000, the right-of-way will cost \$25,000. However, the resulting 15 acre parcel will be worth much less than \$75,000 with the new transmission project across its view, which is where the true value of the property lays. Much of the property along all the proposed routes derives a significant portion of its value from scenic vistas.
614	BEP090007	Form	3	Socioeconomics	My property is already being crossed by a major powerline that detracts from the value of the property...Last, but not least, is the obscuring on the view to the west and south west that would destroy the value of the property for future home site development.
615	BEP090013	Form	3	Socioeconomics	Visual impacts: Views have value - see real estate ads! Look at visual impacts, compromised views and their impact on property values and subsequently county tax receipts.
616	BEP090015	Letter	3	Socioeconomics	One of the pluses we have to offer a potential buyer is the unobstructed view of Mt. Adams we enjoy. Having a high voltage power line with its ugly towers transversing our property would not be conducive to our selling our property. In fact, it would exacerbate the difficulty of our finding a buyer. And if we do find a private party buyer we would have to inform them of the possibility that a transmission line could be placed across the property. That certainly will not help us sell, and will most certainly lower the value. It would cost us many thousands of dollars less than what we would otherwise receive from the sale.
617	BEP090049	Phone call	3	Socioeconomics	Mr. Lewis indicated that currently they have a two-pole wood structure across the property, which has been there for several years. Mr. Lewis indicated that they are currently trying to sell the property and an additional line would most likely impede the marketing of the property. They are trying to promote the property as having a view of Mt. Adams and another power line, or prospect of one would not help in the sale.
618	BEP090050	Public meeting	3	Socioeconomics	Concerned about resale of land with tower views.
619	BEP090050	Public meeting	3	Socioeconomics	Is my investment property value diminished as a result of view being blocked?
620	BEP090051	Public meeting	3	Socioeconomics	The new line will impact property values; aesthetically (affects Mt. Adams view, bought it for views, tranquility), and monetarily (resale values will drop).
621	BEP090056	Letter	3	Socioeconomics	My husband, son and I own Lot 11 in the River Crest development along the Little Klickitat River. Our beautiful riverfront property with its amazing mountain views would be severely and negatively impacted if your agency should decide on the Middle Alternative for your proposed transmission line. ALL of the properties in River Crest would be negatively impacted. The number of property owners that would be affected is significant, as there are currently 15 different owners in River Crest. The affect that a high voltage line and towers would have on property values within the development is disastrous. As a retired real estate appraiser, I am very familiar with the concept of adverse influence and know that a power line would result in a significant diminution of property value. I must wonder if the Middle Alternative would be the most cost effective alternative when you consider the probable resulting compensatory damages paid to many land owners. Surely there must be a better alternative than putting a high voltage line through some of the most beautiful and desirable riverfront and view property in Klickitat County. I hope that you will take into consideration our concerns and the property rights of all owners in River Crest.

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
622	BEP090061	Letter (form letter, six commentors)	3	Socioeconomics	The Middle Alternative would adversely affect our property values...It would spoil the view of Mt. Adams...It can be documented that a view has monetary value, and a high voltage power line would certainly be an adverse influence resulting in a huge loss of value to our property.
623	BEP090031	Letter	3	Socioeconomics	<b><u>Agricultural Uses and Wind Leasing</u></b> The East Alternative crosses DNR agriculture and wind development leases and could impact the lessees farming practices and wind power generation. The subject wind development project is known as "Windy Flats", located in Section 36, Township 3 North, Range 15 East. This wind development project will generate significant revenue to the state's Common School Trust. Locating a transmission line through this development could significantly reduce this income. The proposed location of a substation on DNR lands located in Section 36, Township 5 North, Range 15 East, that could be included within the Middle and East Alternatives, is not desired by DNR. Such a facility would remove land from the present agricultural production that now provides income for the Common School Trust. ... Any Alternative that includes DNR-managed uplands is undesirable. DNR trust lands are managed for many purposes including...revenue for the school construction fund.
624	BEP090050	Public meeting	3	Socioeconomics	Protect water plant and sewer.
625	BEP090011	Form	3	Socioeconomics	We believe the West alternative would devalue our property...aesthetically (degraded view).
626	BEP090034	E-mail (form e-mail two)	3	Socioeconomics	The proposed middle route alternative effectively splits our farm down the middle coming within less than 1/4 mile of the family homestead where both my brother and cousins families reside...
627	BEP090036	E-mail	3	Socioeconomics	The proposed middle route alternative effectively splits our farm down the middle coming within less than 1/4 mile of the family homestead where my nephews and their families reside as well as the ranch that I own on the east side of the line, where my daughter and her family live.
628	BEP090050	Public meeting	3	Socioeconomics	If the West Alternative line is sited on the east side of existing line, it will go right over house.
629	BEP090050	Public meeting	3	Socioeconomics	Which route impacts the least number of homes?
630	BEP090050	Public meeting	3	Socioeconomics	East alternative goes over house ... that landowner does not want impacted.
631	BEP090050	Public meeting	3	Socioeconomics	Concerned about impacts to Fletcher Ranch along Little Klickitat; line would go over houses...
632	BEP090050	Public meeting	3	Socioeconomics	Line would be right near my house in Goldendale and other houses we own.
633	BEP090050	Public meeting	3	Socioeconomics	We have property on East Alternative. Line...would be over house...(Larry Garcia & Brian Fletcher property).
634	BEP090050	Public meeting	3	Socioeconomics	More houses have been built on West Alternative.
635	BEP090050	Public meeting	3	Socioeconomics	What do you do if you go over someone's house?
636	BEP090050	Public meeting	3	Socioeconomics	If West Alternative is used it will be right over my house.
637	BEP090050	Public meeting	3	Socioeconomics	Western corridor through vacant corridor crosses over or very close to residences directly north of Big Eddy Substation - how would that work - this is not acceptable. We weren't aware of vacant corridors - use Middle or Eastern corridor!
638	BEP090051	Public meeting	3	Socioeconomics	Don't see the residential issues with the Middle & East Alternatives.
639	BEP090050	Public meeting	3	Socioeconomics	Avoid going over existing houses
640	BEP090050	Public meeting	3	Socioeconomics	Stimulus money being spent to help wind to the west.
641	BEP090004	E-mail	3	Socioeconomics	For the past fourteen years Twyla and I have worked hard and spent a considerable amount of time and money to develop this property as an investment for our retirement. We are not going to let it go for a pittance. We know we could've asked for a larger sum if this had been a normal housing market situation, but because it isn't, we believe that [X] is a very fair price at this time for what we have to offer. We will sell the BPA all our real estate property (including the 4-bedroom, 3-bathroom house, with attached 2-vehicle (oversize) garage, fruit trees, windbreak, 45 acres, etc., for the sum of at least [X] the exact amount we would ask of a private party buyer. This is our bottom line price. After the sale to the BPA, the BPA could do as it please with this property insofar as we would be concerned.
642	BEP090013	Form	3	Socioeconomics	Are easements purchased? If so, how is price established?
643	BEP090049	Phone call	3	Socioeconomics	He [Phil] also wanted to comment on the that the sole purpose of the transmission line project is to serve the windmills, which is a private venture and not a public use like the original transmission lines. The private companies are profiting from this where the individual is not, ie, no annual payments to landowners that are going to be impacted by the new corridor.
644	BEP090049	Phone call	3	Socioeconomics	He [Mr. Thayer] indicated that he has no problem with the project, but we would need to buy his whole property as it is very small, if we went that far west from the existing alignment.
645	BEP090050	Public meeting	3	Socioeconomics	What kind of mitigation payment does the state or tribes receive?
646	BEP090050	Public meeting	3	Socioeconomics	How do you address my retirement (land).
647	BEP090050	Public meeting	3	Socioeconomics	Farmers could use the income of having line on their property.
648	BEP090050	Public meeting	3	Socioeconomics	Will compensation take into consideration potential future development of property and possible subdivide?
649	BEP090050	Public meeting	3	Socioeconomics	Put corridors across landowner's lands who actually profit from the wind towers.
650	BEP090050	Public meeting	3	Socioeconomics	People who have wind towers will benefit, but won't carry burden of line.
651	BEP090050	Public meeting	3	Socioeconomics	Is there compensation for additional impact on property?
652	BEP090051	Public meeting	3	Socioeconomics	...folks with wind turbines on their property get well compensated
653	BEP090051	Public meeting	3	Socioeconomics	Don't care for wind towers because...we are not getting the check for them.
654	BEP090051	Public meeting	3	Socioeconomics	Will property owners be compensated for line sited on their property?
655	BEP090067	E-mail	3	Socioeconomics	will you buy those properties at today's prices? Or, if you have to buy, would it be a rock bottom offer since the property will be useless as residential property?
656	BEP090050	Public meeting	3	Socioeconomics	...historical impacts would require a lot of mitigation.

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
657	BEP090053	Letter	3	Soils	The EIS should succinctly describe the affected environment and existing conditions using appropriate scales within the analysis area (e.g., watershed analysis where applicable). The EIS should identify and discuss:  <ul style="list-style-type: none"> <li>• Environmental conditions along alternative transmission line routes should be described (i.e., characterize...environmental resources which have a potentially greater importance or sensitivity to impacts). Resources where existing knowledge of the resource or its sensitivity is currently lacking should be identified, and efforts should be made to collect needed information (e.g., conduct field surveys), and/or explain why such information is unavailable and cannot be obtained.</li> </ul> .... Baseline resources information should characterize the...physical environment ... sufficient to determine adequacy of data and information for evaluating potential environmental...impacts. This is needed to support transmission line construction and operation recommendations relative to resource protection, disclosure of mitigation measures, cumulative impact analysis, and to provide a reference for subsequent monitoring.
658	BEP090050	Public meeting	3	Soils	Will there be erosion from digging into PUD water line?
659	BEP090050	Public meeting	3	Soils	Concern w/ construction causing soil damage...
660	BEP090042	Letter	3	Soils	As you know, most transportation line projects affect environmental issues such as...soil erosion...
661	BEP090053	Letter	3	Soils	...Disturbance to soils...during construction...should be avoided and/or minimized as much as possible... Burial of the transmission lines should be considered...although we recognize that transmission line burial could result in additional impacts to soils...
662	BEP090051	Public meeting	3	Transportation	We have gates now for our house and BPA.
663	BEP090050	Public meeting	3	Transportation	There is an airport near north end of West Alternative.
664	BEP090050	Public meeting	3	Transportation	There is an airplane runway on south elbow of East alternative.
665	BEP090050	Public meeting	3	Transportation	There is a runway on Terry Linder property also - East Alternative.
666	BEP090045	Letter	3	Transportation	The proposed Western alternative for the Big Eddy-Knight Transmission project falls within 10,932 feet of the Columbia Gorge Regional Airport's runway 07/25. Given the Western alternative's proximity to the airport's runway, this could potentially impact the airspace needed for safe and efficient aircraft operations at Columbia Gorge Regional Airport. WSDOT also has interest in the potential airspace impacts on the VFR en route corridors to the airport.  WSDOT Aviation is concerned that the proposed alternatives for the Big Eddy-Knight Transmission Project may affect the ability of Columbia Gorge Regional Airport to function as an essential public facility, and ultimately diminish its long term viability. Tall structures, like transmission lines, can penetrate and obstruct the navigable airspace that is essential to safe aircraft operations.  The Columbia Gorge Regional Airport is located in Klickitat County, Washington across the Columbia River from the City of Dalles, Oregon. The airport has a range of aircraft including single-engine, multi-engine, rotorcraft and jet. According to the latest available data, the airport has a total of 5,100 annual operations. The airport also has a significant amount of itinerant traffic.  The Columbia Gorge Regional Airport already experiences significant and cumulative airspace impacts caused by pre-existing obstructions. Additional obstructions may contribute to a growing problem around the aviation facility, and exacerbate an already difficult situation.  Airspace obstructions are considered to be incompatible with aviation facilities, and can have an immediate and/or cumulative effect on aviation facilities. Some of these impacts include: <ul style="list-style-type: none"> <li>• Degraded airport operations</li> <li>• Limited current and future economic development opportunities</li> <li>• Lost value of public investment</li> <li>• Decline in transportation access</li> <li>• Increased safety risk</li> <li>• Precludes airport expansion or modification resulting from demand or new technology</li> </ul> Due to the potential impacts of these proposed alternatives on the Columbia Gorge Regional Airport and the citizenry of Washington, WSDOT Aviation recommends the Bonneville Power Administration address the following issues in their analysis of the alternatives for the Big Eddy-Knight Transmission Project.  ... <ul style="list-style-type: none"> <li>• The Bonneville Power Administration should study the current and future operational characteristics and affect of the Big Eddy-Knight Transmission Project on the Columbia Gorge Regional Airport.</li> <li>• The Bonneville Power Administration should study any effects the proposed alternatives may have on the established VFR airspace corridors used en route to the Columbia Gorge Regional Airport.</li> </ul> The Bonneville Power Administration should determine the potential hazardous effects of the proposed alternatives on air navigation, including potential electrical interference generated by high power transmission lines...
667	BEP090051	Public meeting	3	Transportation	BPA maintenance...doesn't keep-up the access roads.
668	BEP090050	Public meeting	3	Transportation	Concerns about traffic and access roads.
669	BEP090045	Letter	3	Transportation	• Since it is in the public's interest that airspace obstructions are discouraged, the Bonneville Power Administration should recognize and prohibit any structure that penetrates the established FAR Part 77 Imaginary Surfaces," specifically the approach and conical surfaces for the Columbia Gorge Regional Airport.
670	BEP090053	Letter	3	Vegetation	The EIS should succinctly describe the affected environment and existing conditions using appropriate scales within the analysis area (e.g., watershed analysis where applicable). The EIS should identify and discuss:  <ul style="list-style-type: none"> <li>• Environmental conditions along alternative transmission line routes should be described (i.e., characterize ... biological and other environmental resources which have a potentially greater importance or sensitivity to impacts). Resources where existing knowledge of the resource or its sensitivity is currently lacking should be identified, and efforts should be made to collect needed information (e.g., conduct field surveys), and/or explain why such information is unavailable and cannot be obtained.</li> </ul> .... Baseline resources information should characterize the biological ... environment...sufficient to determine adequacy of data and information for evaluating potential environmental...impacts. This is needed to support transmission line construction and operation recommendations relative to resource protection, disclosure of mitigation measures, cumulative impact analysis, and to provide a reference for subsequent monitoring.

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
671	BEP090008	Letter	3	Vegetation	<p>The Columbia Land Trust's enforcement of the conservation easement terms focuses on conserving the below values of the site. These terms are fully described in the recorded conservation easement and a baseline assessment report, which include:</p> <ul style="list-style-type: none"> <li>• Protection of key habitat communities including oak woodland, oak-pine woodland, mixed conifer forest, native grasslands, and rock outcrop/talus slopes.</li> </ul> <p>...</p> <ul style="list-style-type: none"> <li>• Protection of habitat utilized by state and federally listed sensitive species.</li> </ul> <p><b>Background</b> - In 1999 and again in 2005, the Columbia Land Trust accepted a conservation easement on the Horseshoe Bend properties located along the Little Klickitat River to protect import and conservation values within the ecologically diverse region. At the foot of the Simcoe Mountains in south central Washington, the Eastern Cascade Foothills give way to Columbia Basin Grasslands. This ecological transition zone provides a diversity of habitats including oak woodlands, ponderosa pines, Columbia Basin grasslands, basalt canyon/talus slopes, and riparian areas.</p> <p>...</p> <p>The Horseshoe Bend properties are two miles upriver from a 62-acre Nature Conservancy Preserve and four miles southeast of the 14,000 acre Klickitat Wildlife Preserve-the largest publicly owned area of oak habitat in Washington.</p> <p>...</p> <p>A wet meadow bench above the Little Klickitat is suspected of having an unusual soil/hydrologic relationship that influences the vegetation on the bench. More research is necessary to determine the existence of such a relationship. The south and west facing slopes of the property are vegetated by open oak-pine woodlands and a mosaic of Columbia Basin grasslands and basalt canyon/talus slopes. Woodlands predominately composed of Oregon white oak and ponderosa pines cover the plateau areas and the gentler slopes. The north-facing slopes in the lower ravine are characterized by denser forest stands dominated by Douglas fir and ponderosa pine.</p> <p>The northwestern portion of the conservation area slopes steeply to a wet meadow bench above the Little Klickitat River and continues to the river's edge. It has a northwest aspect with young pine communities along the ridge, and oak communities on the steeper slopes. On an adjacent property, old legacy pines grow on the wet meadow bench and similar sized stumps exist on the Horseshoe Bend property, suggesting this pine community reached an older seral stage before being removed. The oaks on these steep slopes have large diameter trunks and are short in stature. The understory in this area has a dense population of native bunch grasses as well as a healthy shrub component.</p> <p>The forest vegetation along these steep slopes [along the Little Klickitat River] is larger and older than most other areas of the property. Pine, Douglas fir, bigleaf maple (<i>Acer macrophyllum</i>) and white oak make up much of the overstory vegetation in this north aspect forest community. The vegetation in this area is a true mix of east and west side vegetation. Understory vegetation includes a variety of species including bitter brush, ocean spray (<i>Holodiscus discolor</i>), red-osier dogwood (<i>Cornus sericea</i>), poison oak (<i>Rhus diversiloba</i>), and willow (<i>Salix</i> sp) along the toe of slope.</p>
672	BEP090050	Public meeting	3	Vegetation	There is nice shrub - steppe habitat on Department of Wildlife land along West Alternative.
673	BEP090050	Public meeting	3	Vegetation	There are protected species on 350-acres of Hurt property (West Alternative).
674	BEP090050	Public meeting	3	Vegetation	WA F&W will ask for surveys of Dalles Mt Buttercup, though not a listed species; survey March or early April.
675	BEP090033	Letter	3	Vegetation	In an area experiencing significant development pressure the Ranch is adjacent to other multi generation land owners who are also committed to maintaining...private forestry...as important to Klickitat County.
676	BEP090043	Letter	3	Vegetation	<p>These impacts [of the proposed transmission project] include direct impacts to shrub-steppe and grassland ecosystems...BPA must take a hard look at...</p> <ul style="list-style-type: none"> <li>• The environmental effects on plants...including state and federally listed sensitive, threatened, and endangered species...</li> <li>• ...sensitive plant habitat such as shrub-steppe, inland dunes, and biodiversity areas and corridors [in the Washington State Department of Natural Resources-managed Columbia Hills Natural Area Preserve].</li> </ul>
677	BEP090050	Public meeting	3	Vegetation	How much ground disturbance for will there be due to towers - what kind of impact on plants?
678	BEP090050	Public meeting	3	Vegetation	Are there plant environmental issues on West Alternative?
679	BEP090053	Letter	3	Vegetation	We [EPA] believe the environmental consequences section should include evaluations of potential impacts on...vegetation...[and] biodiversity....
680	BEP090053	Letter	3	Vegetation	Among the greatest threats to biodiversity is the spread of noxious weeds. Many noxious weeds can out-compete native plants and produce a monoculture that has little or no botanic diversity or benefit to wildlife. The EIS should identify the noxious weeds/exotic plants that occur along the transmission line routes; discuss the magnitude and occurrence of the weed infestations;
681	BEP090053	Letter	3	Vegetation	<p>The EIS should identify ...control measures and strategies for weed management, prevention, and early detection of invasion along transmission line right-of-way corridors.</p> <p>Potential mitigation measures for preventing the spread of noxious weeds include the following:</p> <ol style="list-style-type: none"> <li>1. Clean equipment tracks and tires prior to transportation to an uninfested site</li> <li>2. Reseed and revegetate disturbed sites early</li> <li>3. Use only weed free certified seed</li> </ol>
682	BEP090044	Letter	3	Vegetation	<p><b>Oak Woodland Habitat</b>—Washington State Department of Fish and Wildlife defines the Oregon white oak forest (<i>Quercus Guarryana</i>) as a Washington State "Priority Habitat." Priority status is any habitat type with unique or significant value to many fish or wild-life species. This woodland ecosystem is a dominant component of our 350 acre conservation property, Eckton Ranch, LLC. The habitat and ecology are characterized and well documented in the Eckton Ranch, LLC Baseline Assessment (Little Klickitat Canyon Horseshoe Bend Conservation Property, Columbia Land Trust, July 10th 2003). A record of this conservation easement resides in Klickitat County, Washington, dated December 29, 1999. The proposed BPA western route crosses Eckton Ranch and would negatively impact Oregon white oak habitat. The proposed central and eastern routes do not significantly impact Oregon white oak habitat.</p> <p><b>Micro-climates</b> - The section of the Little Klickitat River at the northern boundary of Eckton Ranch includes one massive and numerous small waterfalls. Simultaneously the river canyon is deep and steep sided. These two features contribute to a unique microclimate rarely found at this elevation east of the cascades. The north facing slopes of the canyon support understory flora characteristic of much wetter climates, as well as, a diverse old-growth forest including Douglas Fir, Big-Leaf Maple, Ponderosa pine, Spruce, and Oregon white oak. The proposed BPA western route crosses this microclimate and would negatively impact this rare habitat. The proposed central route and eastern routes do not have this form of micro-climate habitat.</p>
683	BEP090042	Letter	3	Vegetation	As you know, most transportation line projects affect environmental issues such as...sensitive plants...
684	BEP090051	Public meeting	3	Vegetation	Concerned about the spread and establishment of weeds along existing and new lines.
685	BEP090037	Letter	3	Vegetation	<p>Each route has the potential to impact the natural...values of the Trail. While these impacts should be further evaluated in detail in the EIS, we offer the following initial observations and concerns.</p> <p>...</p> <p>Plant communities and habitats ranging from riparian to upland steppe are likely to be disturbed within the right-of-ways (ROWs) both during construction and during routine maintenance. Our review indicates that up to 20 state-listed plant species of concern may be encountered within the general areas of the three proposed routes (the West Alternative, Middle Alternative, and East Alternative). Impacts to sensitive plant communities should be avoided in routing the transmission line.</p> <p>It appears that the Middle and East Alternatives would present less risk to native habitats than the West Alternative, especially along portions of the transmission line route outside the CRGNSA on lands primarily in agricultural production. In comparison to these proposed routes, the West Alternative has a particularly high potential for impacting native plant species. The existing 115 kV ROW would require additional ROW width to accommodate the proposed parallel 500 kV transmission line, and intersects both the Columbia Hills State Park and the Columbia Hills Natural Area Preserve (NAP).</p> <p>The Columbia Hills NAP is the largest preserve in the State of Washington and was established to protect the largest state populations of the obscure buttercup (<i>Ranunculus reconditus</i>), Douglas' draba (<i>Draba douglasii</i>), and hot-rock penstemon (<i>Penstemon deustus</i>). On Washington's list of threatened and endangered plant species, Douglas' draba and hot-rock penstemon are listed as threatened, and the obscure buttercup is listed as endangered. The NAP also supports the largest remnants of Washington's rarest grassland types (Idaho fescue-houndstongue hawkweed grassland, and Douglas' buckwheat/Sandberg's bluegrass scabland), which are limited to the brush-steppe ecosystem of the region. Habitat disturbance by widening the ROW through this preserve could encourage encroachment by aggressive invasive species, increase erosion, and disrupt native diversity through other effects.</p>
686	BEP090050	Public meeting	3	Vegetation	Concern with vegetation...disturbance on Department of Wildlife land while soil is soft - Fall (Nov - Apr). Walking on property okay especially along Swale Creel Canyon trail, but no vehicles during wet season.
687	BEP090038	E-mail	3	Vegetation	Impacts that can be anticipated from the West alternative include...greater impacts on identified sensitive plants...

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688	BEP090050	Public meeting	3	Vegetation	Stacker Butte area has sensitive plants.
689	BEP090050	Public meeting	3	Vegetation	Concerned about sensitive plants in area.
690	BEP090051	Public meeting	3	Vegetation	Concerned about impacts to endangered species - plants...
691	BEP090031	Letter	3	Vegetation	<p>The West Alternative for this project travels along an existing transmission corridor created many years ago. Since the establishment of this corridor the Department of Natural Resources has purchased the Dalles Mountain Ranch creating the Columbia Hills Natural Area Preserve (NAP) in addition to adding lands to the Columbia State Park.</p> <p>The Columbia Hills Natural Area Preserve was established in 1993. The recommendation made by the Natural Heritage Program, was based on protecting Washington's largest populations of three rare plants, obscure buttercup (<i>Ranunculus reconditus</i>) State Endangered, Douglas' draba (<i>Cusickiella douglasii</i>) State Threatened, hot-rock penstemon (<i>Penstemon deustus</i> var. <i>variabilis</i>) State Threatened and, the largest known high-quality example of two plant communities: Idaho fescue/houndstongue hawkweed grassland and Douglas' buckwheat/Sandberg's bluegrass scabland.</p> <p>These five rare plant species and plant communities comprise the Primary Natural Features for which the site was established. The West Alternative has a high likelihood of impacting the Primary Natural Features of the NAP and conflicts with our management plan for the NAP. DNR will strongly oppose this alternative.</p> <p>...</p> <p>Any Alternative that includes DNR-managed uplands is undesirable. DNR trust lands are managed for many purposes including the protection of state and federal threatened and endangered species... and environmental protection. The construction, maintenance and operation of a transmission line conflicts with these purposes.</p>
692	BEP090050	Public meeting	3	Vegetation	Concerned about sensitive plants and natural preserve.
693	BEP090052	E-mail (form e-mail, 242 signatories)	3	Vegetation	<p>The western alternative would have egregious impacts on...natural...resources [re: Columbia River Gorge National Scenic Area]. Therefore it should be immediately dropped from consideration.</p> <p>...</p> <p>Besides the Scenic Area concerns, two of the alternatives, the middle and the western routes, are near or within...a natural area preserve...rare plant habitat, oak woodlands listed as critical habitat in Washington State, and endangered species habitat.</p>
694	BEP090057	Letter	3	Vegetation	WDFW [Washington Department of Fish and Wildlife] is concerned with the West Alternative route. This alternative will pass through sensitive lands that are owned by WDFW which have been acquired by various state agencies to protect specific habitat communities that are unique to this region. These lands are currently managed to protect State and Federal protected plants...
695	BEP090039	Letter	3	Vegetation	The area [the Little Klickitat and Blockhouse river canyons] is heavily treed with Douglas Fir, Ponderosa Pine and oak.
696	BEP090050	Public meeting	3	Vegetation	East alternative goes over...old growth timber that landowner does not want impacted.
697	BEP090050	Public meeting	3	Vegetation	East alternative goes over...old growth timber that landowner does not want impacted.
698	BEP090050	Public meeting	3	Vegetation	Concerned about impacts to Fletcher Ranch along Little Klickitat; line would go over...trees in draw.
699	BEP090050	Public meeting	3	Vegetation	We have property on East Alternative. Line would cross ...grove of trees we've nurtured along creek (only trees in area) (Larry Garcia & Brian Fletcher property).
700	BEP090050	Public meeting	3	Vegetation	Trees on West Alternative; no trees on Middle Alternative and few trees on East Alternative.
701	BEP090050	Public meeting	3	Vegetation	There are trees on Little Klickitat.
702	BEP090050	Public meeting	3	Vegetation	There are trees north of scenic area on West Alternative
703	BEP090051	Public meeting	3	Vegetation	The conservation easement has a unique micro-environment of Oak, Pine, spruce, and Doug fir.
704	BEP090053	Letter	3	Vegetation	...Disturbance to...vegetation during construction...should be avoided and/or minimized as much as possible...Burial of the transmission lines should be considered...thought we recognize that transmission line burial could result in additional impacts to...vegetation...
705	BEP090057	Letter	3	Vegetation	As a general comment to the Middle and East Alternative route, WDFW recommends that the proposed line follow existing BPA utility lines wherever possible, avoid canyons, rock outcroppings, and any other sensitive habitats, as well as sensitive species.
706	BEP090051	Public meeting	3	Vegetation	BPA maintenance doesn't control weeds in the right-of-way; they give the landowners chemicals to treat weeds.
707	BEP090050	Public meeting	3	Visual Resources	Existing right-of-ways are appealing for...aesthetics.
708	BEP090050	Public meeting	3	Visual Resources	East Alt would be in view of Adams & Rainier.
709	BEP090044	Letter	3	Visual Resources	Particularly, when alternative routes [other than the west alternative]...provide aesthetically...better choices.
710	BEP090049	Phone call	3	Visual Resources	I hope you will be thoughtful and not destroy the views and scene in the Columbia gorge. Better to put them at the top of our list now than to correct them later.
711	BEP090052	E-mail (form e-mail, 242)	3	Visual Resources	The western alternative would have egregious impacts on scenic...resources [re: Columbia River Gorge National Scenic Area]. Therefore it should be immediately dropped from consideration.
712	BEP090046	E-mail	3	Visual Resources	<p>I explained that our agency [the Columbia River Gorge Commission], the US Forest Service Scenic Area Office and the Wasco County Planning Department would share the same concerns about the impact to views from locations designated as Key Viewing Areas (KVAs) under the Management Plan for the Columbia River Gorge National Scenic Area. The list has been copied below and I've highlighted [in bold] those closest to your proposed project areas. When visual simulations are created, I would recommend including views from these locations.</p> <p>Key viewing areas: Those portions of important public roads, parks, or other vantage points within the Scenic Area from which the public views Scenic Area landscapes. These include: <b>Historic Columbia River Highway</b>; Crown Point; <b>Highway I-84, including rest stops</b>; Multnomah Falls; <b>Washington State Route 14</b>; Beacon Rock; Panorama Point Park; Cape Horn; Dog Mountain Trail; Cook-Underwood Road; <b>Rowena Plateau and NatureConservancy Viewpoint</b>; Portland Women's Forum State Park; Bridal Veil State Park; Larch Mountain; Rooster Rock State Park; Bonneville Dam Visitor Centers; <b>Columbia River</b>; Washington State Route 141; Washington State Route 142; Oregon Highway 35; Sandy River; Pacific Crest Trail</p> <p>SMA only: <b>Old Washington State Route 14 (County Road 1230)</b>; Wyeth Bench Road; Larch Mountain Road; Sherrard Point on Larch Mountain</p>
713	BEP090050	Public meeting	3	Visual Resources	Wishram concerns about views or Columbia River.
714	BEP090050	Public meeting	3	Visual Resources	Will you see additional set of power lines from Maryhill Museum?
715	BEP090050	Public meeting	3	Visual Resources	Concerned about visual impacts.
716	BEP090050	Public meeting	3	Visual Resources	Visual impacts; creates an industrial zone with towers & blinking lights.
717	BEP090050	Public meeting	3	Visual Resources	Impacts to views of rolling hills, Mt Adams.
718	BEP090050	Public meeting	3	Visual resources	I'd rather look at a windmill than a line
719	BEP090050	Public meeting	3	Visual Resources	Don't want view interrupted.
720	BEP090050	Public meeting	3	Visual Resources	Concerned about views.
721	BEP090050	Public meeting	3	Visual Resources	Concerned about visual impacts.

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
722	BEP090050	Public meeting	3	Visual Resources	Opposed to pole or conductor; will impact views.
723	BEP090051	Public meeting	3	Visual Resources	The existing wood pole line is okay, but the scale of new towers will be an eye sore.
724	BEP090051	Public meeting	3	Visual Resources	The West Alt. will spoil views of Mt. Adams.
725	BEP090050	Public meeting	3	Visual Resources	Don't ruin the views near Goldendale.
726	BEP090050	Public meeting	3	Visual Resources	Need to properly shield substation lights to lessen light pollution, affects on...observatory.
727	BEP090042	Letter	3	Visual Resources	As you know, most transportation line projects affect environmental issues such as...visual resources...
728	BEP090051	Public meeting	3	Visual Resources	West Alternative would impact Project Patch panoramic views of double bluff and canyon - especially if marker balls on conductors.
729	BEP090038	E-mail	3	Visual Resources	Impacts that can be anticipated from the West alternative include...greater visibility impacts from State and federal lands.
730	BEP090033	Letter	3	Visual Resources	The proposed middle route of the BPA Transmission Line Upgrade [will] cross the Little Klickitat River at the confluence of Spring Creek in an area which is unusually scenic...and locating a 500kv line in the vicinity of such a natural place will... diminish the resource.
731	BEP090037	Letter	3	Visual Resources	Each route has the potential to impact the...scenic values of the Trail. While these impacts should be further evaluated in detail in the EIS, we offer the following initial observations and concerns. ... A visual analysis of the two proposed river crossings should be conducted. Although numerous high voltage transmission lines already extend from the Dalles Dam, the proposed West Alternative route is further upstream than existing infrastructure, and would create a new visual intrusion from viewpoints on the river. A new transmission line at this location may also negatively impact the visitor experience at Columbia Hills State Park.  Consideration should also be given to the...scenic values of the existing railroad bridge near the proposed river crossing for both the Middle and East Alternatives.  Under the NPS Organic Act of 1916 (16 U.S.C. Section 1), NPS is required to protect scenic resources of all the areas we manage or administer. The section of Trail through the CRGNSA is of exceptional visual quality. There should be a thorough analysis on cumulative impacts to visual resources along the Trail corridor generally, and especially within the CRGNSA. The viewshed from the segment of Trail within the CRGNSA will be affected by both the river crossing of current transmission lines and by the new additional transmission poles and lines. Degree of impact will depend on current level of use within existing ROWs. For example, for vacant or low-voltage single-pole local service ROWs, construction of high voltage lattice steel towers will be a major departure from current conditions.  Those involved in management or administration of the CRGNSA, Columbia Hills NAP, Columbia Hills State Park, Horsethief Lake NHS, and the Trail should be consulted on ways to reduce or avoid visual impacts and on the methods that should be used to assess visual impacts. CRGNSA viewshed impact reduction through strategic siting and design should be made a high priority. We recommend consideration of an additional alternative route outside the CRGNSA.
732	BEP090043	Letter	3	Visual Resources	BPA must take a hard look at... ...views from the park [Columbia Hills State Park]... • The aesthetic and scenic impacts to recreation sites within and adjacent to the National Scenic Area, including visual simulations and impacts analysis of views from designated key viewing areas and analysis of nighttime impacts of any Federal Aviation Administration required lighting (the measurement of the impact to aesthetic resources within the Scenic Area viewshed is the degree to which the proposal would comply with the scenic resource protection guidelines)
733	BEP090050	Public meeting	3	Visual Resources	There is a parking lot on Dept of Wildlife plot on Swale Creek that will provide access to Rails-to-Trails trail. The first thing visitors will see is the transmission line - a negative first impression.
734	BEP090011	Form	3	Visual Resources	We would have our current beautiful view of Mt. Adams affected [by the West alternative route].
735	BEP090014	Letter	3	Visual Resources	As you can see from the site plan, River Crest is a 29 parcel area consisting of about 660 acres. Also, there have been 15 sales of 20+ acre parcels. I might also mention that all of the land on the south side of the Little Klickitat River slopes downhill to the north, therefore, causing all the parcels on the south side of the river to be impacted due to view obstruction by your proposed towers. The parcels on the north side of the river, which slopes south to the river, will be impacted directly by the towers.
736	BEP090023	E-mail	3	Visual Resources	The subdivision which we have purchased 20 acres in (River Crest) would be extremely affected by this option [Middle Alternative], with both views obstructed as well as making it less aesthetically pleasing.
737	BEP090039	Letter	3	Visual Resources	The West Alternative path is unattractive...also because it would create an eyesore for all the people who now reside or plan to reside in the Old Ranch Homeowners subdivision and the surrounding areas. Many landowners already live in this area year-round, and others (like us) use their properties recreationally or as retirement/second homes. While there is a power line running through the area now, it is nowhere near the scale of the Big Eddy-Knight proposal. The proposed line would adversely affect our enjoyment of our property since it would impinge on our now-pristine view of Mt. Adams and the Little Klickitat River canyon....
738	BEP090044	Letter	3	Visual Resources	BPA has a mandated responsibility to assess the impact of new power lines on the "Scenic Integrity" of an area. The unique views associated with the Little Klickitat River Canyon, Mt. Adams views, and open savannas of the Columbia hills would be dramatically and negatively impacted by the proposed BPA Western Route.  The proposed BPA 500-kilovolt power lines and their required towers are significantly larger than any existing power infrastructure running through or adjacent to Eckton Ranch LLC. The proposed lines would negatively impact the sense of open-space and natural views, as well as, property values for residential lots near the lines. BPA has a public duty to use condemnation power responsibly. It would seem the proposed western route is not the responsible place to exert that power.
739	BEP090049	Phone call	3	Visual Resources	Mr. Fernandez called to ask about the route selection process for the line. He is a land owner whose property would be crossed by the western alternative. Mr. Fernandez said that he believed that the western route would be best because it would have less visual impact on the Centerville area.
740	BEP090049	Phone call	3	Visual Resources	Larry said he is concerned about the asthetic...impacts with a transmission line near a house.
741	BEP090050	Public meeting	3	Visual Resources	Towers would obscure views of Mt. Adams on property just south of Little Klickitat River - Middle Alternative route jog.
742	BEP090050	Public meeting	3	Visual Resources	Views will be destroyed on hill property on north end of Middle & East Alternatives.
743	BEP090050	Public meeting	3	Visual Resources	East side resident does not want to see line or substation.
744	BEP090051	Public meeting	3	Visual Resources	Concerned about impacts to view of Mt Adams from house sites along Little Klickitat - the line would ruin views.
745	BEP090061	Letter (form letter, six commentors)	3	Visual Resources	The Middle Alternative would adversely affect...the enjoyment of our property. It would spoil the view of Mt. Adams that we now enjoy.
746	BEP090067	E-mail	3	Visual Resources	...right now we have what we consider a million-dollar view and that's why we chose this particular piece of property. We look at Mt Adams, Mt Rainier and the goat rocks area. We can see the Simcoe's and if the weather has socked in the mountains, we can still see the Klickitat valley. There does exist short wooden power poles in our view, but their coloring and height make it so they are not noticed too much. putting up taller metal poles will ruin the esthetic value of our view.
747	BEP090050	Public meeting	3	Visual Resources	Residents just east of substation Alternative B will see the station.
748	BEP090052	E-mail (form e-mail, 242)	3	Visual Resources	As BPA moves forward with this project, please require all transmission lines be visually subordinate as seen from key viewing areas to the maximum extent practicable...
749	BEP090050	Public meeting	3	Visual Resources	Use monopoles (steel poles) where there are the most visual impacts
750	BEP090051	Public meeting	3	Visual Resources	What are ways to reduce visual impacts?
751	BEP090053	Letter	3	Visual Resources	...impacts to...scenic...resources should be avoided and/or minimized as much as possible...Burial of the transmission lines should be considered in areas with scenic values to reduce visual impacts...
752	BEP090050	Public meeting	3	Visual Resources	Paint tower a flat color to lessen reflectivity.

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
753	BEP090046	E-mail	3	Visual Resources	Peter, Kathleen Cocannon [Concannon] and I discussed the need for visual simulations of the proposed alternatives as they would appear in the landscape. I also had this conversation with Nathan Mullen at one of the other tables. I am particularly interested in seeing 1) simulations of collocated 500kV towers next to existing 200kV towers (I understand that the new towers are more narrow - but about 60-100 feet taller than the existing towers) and 2) the new towers that will be standing alone in new transmission corridors. I think the simulations would help me (and others) to better understand the different kinds of visual impacts that could result from the new lines(s) and how to best site them to minimize those impacts.
754	BEP090050	Public meeting	3	Visual Resources	Do a drawing and visual simulation of what towers would look like next to existing lines.
755	BEP090050	Public meeting	3	Visual Resources	Please conduct visual simulations from Columbia Gorge designated "key viewing areas".
756	BEP090050	Public meeting	3	Visual Resources	Please do visual simulations of co-located lines vs single line.
757	BEP090053	Letter	3	Water Resources	The EIS should succinctly describe the affected environment and existing conditions using appropriate scales within the analysis area (e.g., watershed analysis where applicable). The EIS should identify and discuss: • Environmental conditions along alternative transmission line routes should be described (i.e., characterize aquatic...and other environmental resources which have a potentially greater importance or sensitivity to impacts). Resources where existing knowledge of the resource or its sensitivity is currently lacking should be identified, and efforts should be made to collect needed information (e.g., conduct field surveys), and/or explain why such information is unavailable and cannot be obtained. ... Baseline resources information should characterize the...physical environment...sufficient to determine adequacy of data and information for evaluating potential environmental... impacts. This is needed to support transmission line construction and operation recommendations relative to resource protection, disclosure of mitigation measures, cumulative impact analysis, and to provide a reference for subsequent monitoring.
758	BEP090008	Letter	3	Water Resources	The properties are located within the Little Klickitat River watershed between river miles 5 and 6, just south and west of the confluence with Blockhouse Creek. A seasonal stream drains from the center of the property west to join the Little Klickitat River about a quarter of a mile west of the property line. Additionally, there are a number of small seasonal and ephemeral drainages throughout the property, including several within the agricultural area of the Conservancy Zone.
759	BEP090044	Letter	3	Water Resources	Little Klickitat River Drainage - The proposed BPA western route on Eckton Ranch crosses the Little Klickitat River, as well as, seasonal wetlands and a seasonal creek feeding into the river...Over 26 acres of Eckton Ranch, LLC property is enrolled in the Conservation Reserve Program for the purpose of riparian zone repair and protection. Over 30,000 native stems have been planted in the CRP zone and the proposed BPA western route runs directly through this section of land.
760	BEP090053	Letter	3	Water Resources	The EIS should clearly describe water bodies in the analysis area that may be impacted by project activities, and describe relationships between local waters and proposed transmission line construction activities. Identifying affected watersheds and streams and aquifer areas on maps of the various alternatives helps convey their relationship with project activities.  The EIS should identify the existing uses (type, amount and location) of waters potentially impacted by proposed transmission line construction and operation activities, and the applicable water quality standards (WQS) for such waters. Existing baseline watershed and water quality conditions should be summarized where water quality impacts may be expected, since baseline water quality data and beneficial use support are key in the evaluation of impacts. ... 303 (d) listed Waters and Total Maximum Daily Loads (TMDLs)  The EIS should identify any water bodies listed on Washington State's CWA 303(d) list along the transmission line corridor that may be affected by transmission line construction and operation... We suggest contacting the Washington Department of Ecology to identify and validate waterbodies that are listed by the States as impaired or threatened.
761	BEP090050	Public meeting	3	Water Resources	There is water in Swale Creek sometimes until June.
762	BEP090050	Public meeting	3	Water Resources	There are waterfall & water benches on north end of West Alternative.
763	BEP090002	Form	3	Water Resources	The east route goes right through Swale Flats, which presented such a problem with access due to water & wet ground that the PUD moved their line.
764	BEP090053	Letter	3	Water Resources	The scoping comments that follow are provided to inform the BPA of issues that EPA believes to be significant and warrant treatment during the NEPA process [RE: Section 309]. ... <b>Alternatives</b> We encourage the BPA to develop and evaluate alternatives that avoid as much as possible streams...and other environmentally sensitive areas...impacts to rivers, streams, water quality...should be avoided and/or minimized as much as possible.
765	BEP090053	Letter	3	Water Resources	We [EPA] believe the environmental consequences section should include evaluations of potential impacts on water quality...river/stream hydrology...[and] ground water aquifers...
766	BEP090053	Letter	3	Water Resources	Water quality impacts include chemical, physical and biological effects. ... The EIS should discuss the capability of surface and ground water resources to assimilate point and non-point pollution from the project. A discussion of relevant project area geology, topography, soils and stream stability in terms of erosion and mass failure potential may be necessary to adequately portray the potential risk to water quality, aquatic habitat and other resources from the implementation of specific transmission line construction alternatives. In particular erosion concerns during construction should be addressed. ... 303 (d) listed Waters and Total Maximum Daily Loads (TMDLs)  The EIS should identify...the magnitude and sources of impairment [of any Washington State's CWA 303(d)-listed water bodies].
767	BEP090050	Public meeting	3	Water Resources	Will there be erosion from digging into PUD water line? Where will it drain into?
768	BEP090050	Public meeting	3	Water Resources	Flooding occurs in Swell Creek area.
769	BEP090050	Public meeting	3	Water Resources	What if BPA's activity disturbs ground water? What will BPA do?
770	BEP090042	Letter	3	Water Resources	As may be the case in other alternatives in general, an alternative [West Alternative] which crosses Patch property would adversely effect...water resources because of the presence of the Klickitat River.
771	BEP090050	Public meeting	3	Water Resources	Middle or East Alternative would lessen impact on Little Klickitat River.
772	BEP090042	Letter	3	Water Resources	As you know, most transportation line projects affect environmental issues such as...floodplains...[and] water resources.
773	BEP090031	Letter	3	Water Resources	<b>Aquatic Lands</b>  All alternatives will cross State-owned aquatic lands (SOAL) and must be authorized by DNR. DNR has concerns that improperly managed rights-of-way may result in the removal of excessive amounts of riparian vegetation and habitat near the shoreline, thereby increasing the potential for erosion, sedimentation and turbidity in the aquatic environment. DNR Aquatics Program would like to be informed on BPA's proposed Best Management Practices for vegetation management in its rights-of-way near any waterbody where State Owned Aquatic Lands are located.  DNR has developed standards for covered and non-covered uses on state-owned aquatic lands as part of its Aquatic Lands Habitat Conservation Plan. BPA will need to coordinate with DNR to ensure any pre-construction, construction, post-construction activities, and ongoing maintenance, complies with any relevant standards for covered fish, wildlife, and aquatic vegetation located in the proposed project area.
774	BEP090051	Public meeting	3	Water Resources	Concern about impacts to spring on property that feeds the house (Henkle)
775	BEP090033	Letter	3	Water Resources	The existing BPA line is objectionable but a 500 Kv transmission line with its expanded right of way [re: middle route] will be inappropriate for the current alignment. There are few minor waterways in Klickitat County and locating a 500kv line in the vicinity of such a natural place will...diminish the resource.

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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
776	BEP090053	Letter	3	Water Resources	The EIS must demonstrate that impacts to surface and ground water, riparian areas, wetlands, and aquatic species will be adequately mitigated, and that applicable WQS will be maintained.  EPA recommends that areas of high erosion risk should be avoided. ... It is important that proposed transmission line construction and operation activities be carried out in a manner that avoids further degradation of 303(d) listed waters, and consistent with TMDLs and Water Quality Restoration Plans prepared, or being prepared, by the State to restore water quality.
777	BEP090053	Letter	3	Wetlands	The EIS should succinctly describe the affected environment and existing conditions using appropriate scales within the analysis area (e.g., watershed analysis where applicable). The EIS should identify and discuss:  • Environmental conditions along alternative transmission line routes should be described (i.e., characterize aquatic, biological and other environmental resources which have a potentially greater importance or sensitivity to impacts). Resources where existing knowledge of the resource or its sensitivity is currently lacking should be identified, and efforts should be made to collect needed information (e.g., conduct field surveys), and/or explain why such information is unavailable and cannot be obtained. ... Baseline resources information should characterize the biological and physical environment...sufficient to determine adequacy of data and information for evaluating potential environmental... impacts. This is needed to support transmission line construction and operation recommendations relative to resource protection, disclosure of mitigation measures, cumulative impact analysis, and to provide a reference for subsequent monitoring.
778	BEP090053	Letter	3	Wetlands	Wetlands that may be affected by proposed transmission line construction and operation should be identified
779	BEP090034	E-mail (form e-mail, two	3	Wetlands	Finally, the middle option crosses perhaps the most important wetland...habitat in the area [the Centerville valley].
780	BEP090036	E-mail	3	Wetlands	Finally, the middle option crosses perhaps the most important wetland...habitat in the area [the Centerville valley].
781	BEP090050	Public meeting	3	Wetlands	There are wetlands around Swale Creek - the creek floods bank to bank every year from November to April.
782	BEP090050	Public meeting	3	Wetlands	Wetland areas in Swale Creek.
783	BEP090050	Public meeting	3	Wetlands	Current wetland policy discourages landowners from developing or protecting wetlands.
784	BEP090050	Public meeting	3	Wetlands	Wetlands are located near Project Patch on West Alternative.
785	BEP090055	Letter	3	Wetlands	<b>Shorelands/Environmental Assistance</b>  Many of the wetlands in this area of Washington are ephemeral and are difficult to identify in the summer, fall, and winter months due to the domination of annual plants during those times. Therefore, surveys for wetland impacts should take place during the early spring, at the beginning of the growing season until approximately June 1. Any new access roads necessary for construction and maintenance of the project should be mapped and surveyed for wetlands associated with stream or ephemeral drainage crossings.  If you have any questions concerning the Shorelands/Environmental Assistance comments, please contact Catherine Reed at (509) 575-2616.
786	BEP090050	Public meeting	3	Wetlands	Wetlands are located during spring in this area [Middle Alternative]; avoid if possible.
787	BEP090027	E-mail	3	Wetlands	Finally, the middle option crosses perhaps the most important wetland...habitat in the area [the Centerville valley area]. Please take a very serious and hard look at the environmental impact of this area.
788	BEP090053	Letter	3	Wetlands	We [EPA] believe the environmental consequences section should include evaluations of potential impacts on wetlands...[and] biodiversity...
789	BEP090053	Letter	3	Wetlands	Transmission line construction activities should avoid or minimize impacts to streams and wetlands., and potential impacts on wetland functions should be assessed.
790	BEP090042	Letter	3	Wetlands	As you know, most transportation line projects affect environmental issues such as...wetlands...
791	BEP090050	Public meeting	3	Wetlands	Can't harvest trees around creeks that are formed from wetlands that we developed on property.
792	BEP090053	Letter	3	Wetlands	We [EPA] encourage the BPA to develop and evaluate alternatives that avoid as much as possible...riparian areas and wetlands and other environmentally sensitive areas...
793	BEP090053	Letter	3	Wetlands	We [EPA] recommend establishment of wetland and riparian habitat buffer zones to avoid adverse impacts to streams, wetlands, and riparian areas.
794	BEP090055	Letter	4	Permits/Consultation	<b>Air Quality</b> <b>OUTDOOR BURNING</b>  Ecology would like to encourage a smoke free project. This would include grinding of all land clearing debris instead of burning the material. Please contact Ecology's Air Quality Program for help with this. IF outdoor burning is to occur, burn permits will need to be obtained from the Ecology Air Quality Program. The SEPA checklist does not address the specifics of nature and amount of land-clearing debris that will be generated during the phases of construction and development. Consider chipping the debris and using it on-site. Only natural unprocessed vegetation can be burned in an outdoor fire in Washington State. Burning all other material is prohibited – this includes construction debris.
795	BEP090055	Letter	4	Permits/Consultation	<b>Water Rights</b>  If you plan to use water for dust suppression at your site, be sure that you have a legal right. A water right permit is required for all surface water diversions and for any water from a well that will exceed 5,000 gallons per day. (Chapter 90.03 RCW Surface Water Code and Chapter 90.44 RCW Regulation of Public Ground Waters) If in doubt, check with the Department of Ecology, Water Resources Program. Temporary permits may be obtainable in a short time-period. The concern of Water Resources is for existing water rights. In some instances water may need to be obtained from a different area and hauled in or from an existing water right holder.  If you have any questions concerning the Water Resources comments, please contact Breean Zimmerman at (509) 454-7647.
796	BEP090053	Letter	4	Permits/Consultation	It is also important that environmental analysis conducted during the EIS process be integrated with other planning and environmental review procedures (e.g., permitting requirements) so that all such procedures run concurrently rather than consecutively (40 CFR 1500.2(c)). The DEIS should list all Federal permits, licenses and other entitlements which must be obtained in implementing the proposal (40 CFR 1052.25).
797	BEP090053	Letter	4	Permits/Consultation	Consultation with all affected tribal governments is stipulated in the Executive Order (EO) 13175 (Consultation and Coordination with Indian Tribal Governments). This order states that the U.S. government will continue "to work with Indian tribes on a government-to-government basis to address issues concerning Indian tribal self-government, trust resources, and Indian tribal treaty and other rights." The CEQ also strongly urges federal agencies to consider inviting affected tribal governments to participate in proposed projects' development process as cooperating agencies. This would establish a mechanism for addressing intergovernmental issues throughout the project development process.
798	BEP090053	Letter	4	Permits/Consultation	If there is a potential to affect historic or cultural resources from construction of this transmission line, BPA should coordinate and consult with the State Historic Preservation Officers and other appropriate entities.



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Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
799	BEP090024	Letter	4	Permits/Consultation	<p>Review Authority – Section 1.080(E) of the Wasco County National Scenic Area Land Use states the following:</p> <p>"The operation, maintenance, and modification of existing transmission facilities of the Bonneville Power Administration shall be exempt from regulation under the Management Plan or this Ordinance."</p> <p>The proposal is for a new transmission line so it does not appear to be exempt under this provision.</p> <p>Zoning Westside Alternative -A-1 (40) GMA – National Scenic Area -A-1 (160) GMA – National Scenic Area -A-1 (160) – Wasco County (Non Scenic Area) -EPD 2 – Geological Hazard (A portion of the proposed line is located within an identified "Deep Bedrock Slide".) -EPD 4 – Cultural Resources (The line may cross the historically designated Oregon Trail)</p> <p>Eastside and Middle Alternatives -A-1(160) GMA – National Scenic Area -A-1(160) – Wasco County (Non Scenic Area)</p> <p>A transmission line is a conditional use in each of these zones subject to review, notification and approval should Wasco County have review authority. As you proceed further into this project I will provide more details about the specific review requirements as necessary. You may also find these on our website at <a href="http://co.wasco.or.us/planning/planhome.html">http://co.wasco.or.us/planning/planhome.html</a></p>
800	BEP090043	Letter	4	Permits/Consultation	Pursuant to Section 7 of the Endangered Species Act, the BPA must consult with the National Marine Fisheries Service ("NMFS") and the Fish and Wildlife Service ("USFWS") to ascertain whether the alternatives would impact any threatened or endangered species.
801	BEP090050	Public meeting	4	Permits/Consultation	There is a parks master plan.
802	BEP090053	Letter	4	Permits/Consultation	<p>Section 309 specifically directs the EPA to review and comment in writing on the environmental impacts associated with all major federal actions. Under our Section 309 authority, our review of the draft EIS prepared for the proposed project will consider the expected environmental impacts, and the adequacy of the EIS in meeting procedural and public disclosure requirements of NEPA.</p> <p>...</p> <p>The scoping comments that follow are provided to inform the BPA of issues that EPA believes to be significant and warrant treatment during the NEPA process [see other comments for Correspondence Number BEP090053].</p>
803	BEP090042	Letter	4	Permits/Consultation	<p>In general, the National Environmental Policy Act, ("NEPA"), at the very least, requires a federal agency to follow certain procedures designed to lead to well-informed decisions. These decisions must take into account the potential adverse environmental impacts of the action. As you know, typically, NEPA requires extensive project preparation and documentation, usually in the format of an Environmental Assessment, sometimes followed by preparation of an Environmental Impact Statement ("EIS"). See 42 U.S.C. §§ 4332(2)(C); 40 C.F.R. §§ 1501.4(a)-(c). Section 102(2)(C) of NEPA, 42 U.S.C. §§4332(2)(C), requires that federal agencies, "to the fullest extent possible," do a detailed statement of the environmental impact of any proposed major federal action which would significantly affect the quality of the environment.</p> <p>Based upon Notice of Intent 6450-01-U, BPA already intends to prepare an EIS for the Big Eddy project, and has chosen at least three potential routes (the East, West, and Middle Alternatives) for environmental analysis. At present, according to published materials, the routes themselves are generally described. We understand that the BPA must respond to transmission service requests by potentially connecting the Big Eddy and Knight substations under its Open Access Transmission Tariff. However, through the NEPA process, BPA must evaluate the adverse impacts of alternatives, and avoid impacts, where possible.</p>
804	BEP090043	Letter	4	Permits/Consultation	<p>The National Environmental Policy Act (NEPA), 42 USC § 4321 et seq. requires that the Bonneville Power Administration (BPA) take a hard look at the potential direct, indirect, and cumulative social, economic, physical, and biological effects of the proposed action and reasonable alternatives.</p> <p>The proposed transmission project has the potential to generate significant direct, indirect, and cumulative impacts...Given this range of impacts, BPA must undertake a broad, programmatic analysis of impacts to the environment from new transmission facilities and related energy developments.</p>
805	BEP090055	Letter	4	Permits/Consultation	<p><b>Water Quality</b> Project Greater-Than 1 Acre with Potential to Discharge Off-Site</p> <p>An NPDES Construction Stormwater General Permit from the Washington State Department of Ecology is required if there is a potential for stormwater discharge from a construction site with more than one acre of disturbed ground. This permit requires that the SEPA checklist fully disclose anticipated activities including building, road construction and utility placements. Obtaining a permit is a minimum of a 38 day process and may take up to 60 days if the original SEPA does not disclose all proposed activities.</p> <p>The permit requires that Stormwater Pollution Prevention Plan (Erosion Sediment Control Plan) is prepared and implemented for all permitted construction sites. These control measures must be able to prevent soil from being carried into surface water (this includes storm drains) by stormwater runoff. Permit coverage and erosion control measures must be in place prior to any clearing, grading or construction.</p> <p>More information on the stormwater program may be found on Ecology's stormwater website at: <a href="http://www.ecy.wa.gov/programs/wq/stormwater/construction/">http://www.ecy.wa.gov/programs/wq/stormwater/construction/</a>. Please submit an application or contact Lynda Jamison at the Dept. of Ecology, (509) 575-2434, with questions about this permit.</p> <p>Erosion control measures must be in place prior to any clearing, grading, or construction. These control measures must be effective to prevent soil from being carried into surface water by storm water runoff. Sand, silt, and soil will damage aquatic habitat and are considered pollutants.</p> <p>Any discharge of sediment-laden runoff or other pollutants to waters of the state is in violation of Chapter 90.48, Water Pollution Control, and WAC 173-201A, Water Quality Standards for Surface Waters of the State of Washington, and is subject to enforcement action.</p> <p>Best management practices must be used to prevent any sediment, oil, gas or other pollutants from entering surface or ground water.</p> <p>If you have any questions concerning the Water Quality comments, please contact Lynda Jamison at (509) 575-2434.</p>

**Big Eddy-Knight Transmission Project  
Public Scoping Comments**

Comment Number	Correspondence Number	Correspondence Type	EIS Chapter	EIS Section	Comments
806	BEP090043	Letter	4	Permits/Consultation	<p>Management Plan for the Columbia River Gorge National Scenic Area</p> <p>The BPA must ensure that its effects analysis considers all legal and regulatory requirements. This must include a discussion of relevant provisions of the Management Plan for the Columbia river Gorge National Scenic Area. The National Scenic Area was established by Congress to protect the scenic, natural, cultural, and recreational values of the Columbia River Gorge. All federally licensed land use activities within the Scenic Area must be reviewed for consistency with the Scenic Area Act. 16 U.S.C. § 514(d). The applicant must submit a complete application to the Forest Service for scenic area review and approval. The project would cross several land use designations, potentially including Large-Scale Agriculture, Agriculture-Special, Open Space, and Residential zones.</p> <p>The project would primarily be located in land designated Large-Scale Agriculture, where utility facilities necessary for public service are allowed subject to compliance with all scenic, cultural, natural, and recreation resource guidelines. The BPA must also show that there is no practicable alternative location with less adverse impacts on agricultural lands and the size is the minimum necessary for the service. Management Plan at I1-12. A full description of the applicable review criteria are included below.</p> <p>Amongst other standards in the Management Plan, a critical requirement is that new utility transmission lines be visually subordinate as seen from key viewing areas to the maximum extent practicable. Management Plan at I-1-6. Practicable is defined by the Management Plan as "Able to be done, considering technology and cost." Management Plan at Glossary 14. Thus, to site any new transmission line within the National Scenic Area the BPA must demonstrate that the project would be visually subordinate or that it is not otherwise possible for the project to be completed. It is highly likely that the BPA will not be able to achieve visual subordination with the proposed alternatives. This underscores the need for extensive alternatives analysis that includes variation that avoid impacts to the Scenic Area.</p>
807	BEP090050	Public meeting	4	Permits/Consultation	Scenic Gorge limits wind development, subdivisions, and development of property - takes property rights.
808	BEP090050	Public meeting	4	Permits/Consultation	Does BPA have super siting authority over the Gorge Commission? Eminent domain?
809	BEP090052	E-mail (form e-mail, 242 signatories)	4	Permits/Consultation	<p>When considering the construction of 26 to 28 miles of new transmission lines through the Columbia River Gorge and surrounding areas, The Bonneville Power Administration (BPA) must analyze the potential direct and indirect effects of the proposed action on resources protected under the Columbia River Gorge National Scenic Area Act. The BPA should apply programmatic environmental review to assess the impacts of new transmission lines, pipelines, and associated energy development throughout the Gorge region.</p> <p>...</p> <p>The BPA must evaluate the potential impacts to scenic, natural, cultural and recreation resources in the National scenic Area.</p> <p>...</p> <p>The BPA must submit a complete application to the Forest Service for scenic area review and approval. Approval of a land use proposal not accompanied by a complete and adequate application violates the Columbia River Gorge Management Plan.</p>
810	BEP090024	Letter	4	Permits/Consultation	Wasco County recommends contacting the Columbia River Gorge Commission to determine if either Wasco County or the Gorge Commission has review authority for the portion of this project located within the National Scenic Area.
811	BEP090031	Letter	4	Permits/Consultation	<p>Future Coordination</p> <p>If an easement across DNR managed lands is determined to be required, please be aware:</p> <ol style="list-style-type: none"> <li>1. An application and a survey is required</li> <li>2. BPA may be asked to provide an appraisal that meets DNR's requirements</li> <li>3. DNR has environmental impacts assessment responsibilities associated with granting easements under the Washington State Environmental Policy Act (Chapter 43.21C RCW) (SEPA). Failure to involve DNR in the NEPA and/or SEPA process could lead to delays in processing your easement application.</li> <li>5. DNR managed uplands and aquatic lands are managed by different divisions and under different regulations. If easements are required over both, DNR will treat them as separate grants.</li> </ol> <p>DNR has been severely impacted by budget reductions. Our ability to respond quickly to requests for easements and to participate in your process is limited.</p>
812	BEP090001	Online form	4	Permits/Consultation	The Department of State Lands (DSL) holds ownership of the Columbia River from the Ordinary High Water line to the center of the river, additional transmission lines require an easement with DSL. BPA has multiple transmission line easements with DSL; however, additional lines are not covered under the current easements. Attached is an easement application for the proposed transmission line. Please contact me for any assistance on the application process.
813	BEP090045	Letter	4	Permits/Consultation	* The Bonneville Power Administration should work with the FAA and airport sponsor to evaluate potential impacts to the Columbia Gorge Regional Airport. A 7460-1 should be filed with the FAA to evaluate potential impacts to safe aircraft operations.
814	BEP090024	Letter	4	Permits/Consultation	<p>Included are some criteria you should be aware of. These are located in Chapter 14 Section 14.200 of the Wasco County National Scenic Area Ordinance.</p> <p>New development shall be sited to achieve visual subordination from Key Viewing Areas, unless the siting would place such development in a buffer specified for protection of wetlands, riparian corridors, endemic and listed plants, sensitive wildlife sites or conflict with standards to protect cultural resources.</p> <p>Unless expressly exempted by other provisions in this chapter, colors of all exterior surfaces of structures visible from Key Viewing Areas shall be dark earth-tones found at the specific site or in the surrounding landscape. The specific colors or list of acceptable colors shall be included as a condition of approval. The Scenic Resources Implementation handbook will include a recommended palette of colors.</p> <p>The exterior of buildings on lands seen from Key Viewing Areas shall be composed of nonreflective materials or materials with low reflectivity, unless the structure would be fully screened from all key viewing areas by existing topographic features. The Scenic Resources Implementation Handbook will include a list of recommended exterior materials.</p> <p>New main lines on lands visible from Key Viewing Areas for the transmission of electricity, gas, oil, other fuels, or communications, except for connections to individual users or small clusters of individual users, shall be built in existing transmission corridors unless it can be demonstrated that use of existing corridors is not practicable. Such new lines shall be underground as a first preference unless it can be demonstrated to be impracticable.</p>
815	BEP090024	Letter	4	Permits/Consultation	However, I would encourage you to begin thinking about how you would minimize the visual impact within the National Scenic Area if Wasco County is required to review the proposal.
816	BEP090050	Public meeting	*	Other	The routes are not anywhere near our house, so the project is not of concern to me.
817	BEP090050	Public meeting	*	Other	Kinda silly to consider removing dams.