



## Department of Energy

Bonneville Power Administration  
P.O. Box 3621  
Portland, Oregon 97208-3621

PUBLIC AFFAIRS

March 8, 2012

In reply refer to: DK-7

Richard van Dijk  
Another Way BPA  
Ex 6

### FOIA #BPA-2012-00477-F

Dear Mr. van Dijk:

This is a final response to your request for information that you made to the Bonneville Power Administration (BPA) under the Freedom of Information Act (FOIA), 5 USC § 552.

#### **You have requested the following:**

Copies of internal to BPA all emails, meeting agendas and minutes, planning documents, preliminary designs, CAD drawings and mitigation plans for the proposed substation at Troutdale including the interconnection between the existing BPA substation to accommodate the proposed I-5 line. From January 2008 through July 2010.

#### **Response:**

The responsive documents are provided on the enclosed CD. Exemption 5 and Exemption 6 have been applied to the responsive documents. Some information has also been redacted as non-responsive.

Exemption 5 protects from mandatory disclosure "inter-agency or intra-agency memorandums or letters that would not be available by law to a party other than an agency in litigation with the agency . . ." Exemption 5 incorporates the deliberative process privilege which protects advice, recommendations, and opinions that are part of the process by which agency decisions and policies are formulated.

The documents withheld under Exemption 5 are draft documents that discuss several options for the design/function of a proposed BPA substation. Draft documents, by their very nature, are pre-decisional because they are prepared prior to the undertaking of any action by the agency. Draft documents are deliberative because they are part of the deliberative process by which that agency action was considered and taken. They reflect only the tentative view of their authors, views that might be altered or rejected upon further deliberation either by the authors or by their superiors. The withheld draft documents do not represent final agency decisions on the design.

The documents being withheld in their entirety are being withheld because they express opinions that fall within the deliberative process privilege.

BPA asserts Exemption 6 for information which could reasonably be expected to constitute an unwarranted invasion of personal privacy if disclosed. The withheld information consists of the names and personal contact information (address, email, and/or phone numbers) of individual citizens who have expressed an interest in this Project, as well as the personal cell phone numbers and email addresses of various individuals working on this Project. Release of this information could subject these individuals to unwanted intrusions of privacy. There is no public interest in the disclosure of this information because it does not shed any light on how BPA has performed its statutory duties.

Pursuant to 10 CFR 1004.8, if you are dissatisfied with this determination, or the adequacy of the search, you may appeal in writing within 30 calendar days of receipt of a final response letter. The appeal should be made to the Director, Office of Hearings and Appeals, HG-1, Department of Energy, 1000 Independence Avenue, SW, Washington, DC 20585-1615. The written appeal, including the envelope, must clearly indicate that a FOIA Appeal is being made.

I appreciate the opportunity to assist you. Please contact Kim Winn, Communications Specialist at 503-230-5273 with any questions about this letter.

Sincerely,

*/s/Christina J. Munro*  
Christina J. Munro  
Freedom of Information Act/Privacy Act Officer

Enclosure: CD



## Department of Energy

Bonneville Power Administration  
P.O. Box 3621  
Portland, Oregon 97208-3621

PUBLIC AFFAIRS

April 12, 2012

In reply refer to: DK-7

Richard van Dijk  
Another Way BPA  
Ex 6

### **FOIA #BPA-2012-00477-F**

Dear Mr. van Dijk:

In the context of your FOIA appeal to the Department of Energy, Office of Hearings and Appeals, the Bonneville Power Administration (BPA) has identified a few email strings that were redacted in their entirety that are being released in part. They are provided on the enclosed CD, inserted into the previous release for ease in identifying them.

A copy of this letter and the documents being provided are being submitted to the Office of Hearings and Appeals, Attorney-Examiner, Diane DeMoura.

Sincerely,

*/s/ Christina J. Munro*  
Christina J. Munro  
Freedom of Information Act/Privacy Act Officer

Enclosure: CD

**Wittpenn,Nancy A (BPA) - KEC-4**

---

**From:** Korsness,Mark A - TEP-TPP-3  
**Sent:** Thursday, July 15, 2010 1:38 PM  
**To:** Wittpenn,Nancy A - KEC-4  
**Subject:** FW: Sundial

-----Original Message-----

**From:** Custer, Claude  
**Sent:** Tuesday, July 13, 2010 6:38 AM  
**To:** Korsness,Mark A - TEP-TPP-3  
**Subject:** RE: Sundial

Claude

-----Original Message-----

**From:** Korsness,Mark A - TEP-TPP-3 [mailto:makorsness@bpa.gov]  
**Sent:** Tuesday, July 13, 2010 9:19 AM  
**To:** Custer, Claude; Jaramillo,Emmanuel - TEP-TPP-2  
**Subject:** RE: Sundial

Ex 6

FYI.....Mark

---

**From:** Rydell,Kendall A - TPP-OPP-3  
**Sent:** Monday, July 12, 2010 5:09 PM  
**To:** Korsness,Mark A - TEP-TPP-3  
**Subject:** Sundial

Ex 5

[  
Ex 5  
]

---

From: Korsness, Mark A - TEP-TPP-3  
Sent: Monday, July 12, 2010 11:58 AM  
To: Rydell, Kendall A - TPP-OPP-3  
Subject: FW: Castle Rock Sites

---

From: Custer, Claude Ex 6  
Sent: Monday, July 12, 2010 11:07 AM  
To: Korsness, Mark A - TEP-TPP-3  
Subject: RE: Castle Rock Sites

No problem. Here you go. Let me know if you need anything else.

Claude

---

From: Korsness, Mark A - TEP-TPP-3 [mailto:makorsness@bpa.gov]  
Sent: Monday, July 12, 2010 1:17 PM  
To: Custer, Claude  
Subject: RE: Castle Rock Sites

Can't open. Can you send me Sundial in a pdf or something?  
Thanks.....Mark

---

From: Custer, Claude Ex 6  
Sent: Monday, July 12, 2010 9:06 AM  
To: Emery, Brian E - TED-TPP-2; Jaramillo, Emmanuel - TEP-TPP-2; Ngov, Linda L - TED-TPP-2;  
Hoffman, Michael R - TED-TPP-2; Freel, Dean M - TED-TPP-2; Korsness, Mark A - TEP-TPP-3;  
Grover, John J - TELP-TPP-3; Driessen, Laurens C; Johns, Michael C - TEP-TPP-1  
Cc: Maunu, Ross E - TED-TPP-2; Blaj, Titus L - TED-TPP-2; Bauer, Wayne K.; Hereim, Scott A.;  
Bland, Scott; OToole, Richard; Taylor, Mark H.; Moe, Donald; Yelton, Bridget; Grimstad,  
James; Thornton, Rich  
Subject: RE: Castle Rock Sites  
All,

[  
Ex 5  
]

[

Ex 5

As noted, these designs are PRELIMINARY pending further evaluation and review.

Claude

From: Emery, Brian E - TED-TPP-2 [mailto:beemery@bpa.gov]

Sent: Thursday, July 08, 2010 6:40 PM

To: Custer, Claude

Cc: Jaramillo, Emmanuel - TEP-TPP-2; Maunu, Ross E - TED-TPP-2

Subject: RE: Castle Rock Sites

Hi Claude!

I have spoken with Emmanuel, Lou and Mike regarding the Castle Rock sites. I was decided that we will wait until Emmanuel returns in a couple of weeks to provide the comments on the layouts. [

Ex 5

Thanks!

Brian

---

From: Custer, Claude Ex 6

Sent: Wednesday, July 07, 2010 1:51 PM

To: Emery, Brian E - TED-TPP-2

Cc: Jaramillo, Emmanuel - TEP-TPP-2; Maunu, Ross E - TED-TPP-2

Subject: FW: Castle Rock Sites

[

Ex 5

Claude R. Custer, P.E.

Ex 6

From: Driessen, Laurens C [mailto:lcdriessen@bpa.gov]

Sent: Tuesday, June 15, 2010 12:40 AM

To: Custer, Claude; Jaramillo, Emmanuel - TEP-TPP-2  
Cc: Korsness, Mark A - TEP-TPP-3; Bland, Scott; Bauer, Wayne K.; Maunu, Ross E - TED-TPP-2;  
Blaj, Titus L - TED-TPP-2; Grover, John J - TELP-TPP-3; Taylor, Mark H.; Johns, Michael C - TEP-  
TPP-1; Moe, Donald; Hereim, Scott A.  
Subject: RE: Castle Rock - Y-Site

Thanks for the update. [

Ex 5

Lou ]

---

From: Custer, Claude  
Sent: Monday, June 14, 2010 12:01 PM  
To: Jaramillo, Emmanuel - TEP-TPP-2  
Cc: Korsness, Mark A - TEP-TPP-3; Bland, Scott; Bauer, Wayne K.; Maunu, Ross E - TED-TPP-2;  
Blaj, Titus L - TED-TPP-2; Grover, John J - TELP-TPP-3; Taylor, Mark H.; Driessen, Laurens C;  
Johns, Michael C - TEP-TPP-1; Moe, Donald; Hereim, Scott A.  
Subject: Castle Rock - Y-Site

Ex 5

[

Ex 5

]

Your comments are welcome.

Claude R. Custer, P.E.

Ex 6



**Wittpenn,Nancy A (BPA) - KEC-4**

---

**From:** Korsness,Mark A - TEP-TPP-3  
**Sent:** Thursday, January 31, 2008 11:15 AM  
**To:** Grover,John J - TELP-TPP-3; Wittpenn,Nancy A - KEC-4; Asgharian,Maryam A - DKE-7; Hensley,Stacie R - TERG-TPP-4; Zehntbauer,Nicole R - TERG-3; Moyer,Martha A - TERG-TPP-4; Rydell,Kendall A - TPP-DITT-2; Radcliff,Tony P - TPP-DITT-2; Rodrigues,Melvin T - TPP-DITT-2; Hammack,Debby - TPP-DITT-2; Camp,Ellen A - TERS-3; Woolson,Paul B - TERR-COVINGTON; Jansen,Wendy E - TERR-OLYMPIA; Dostert,Dawneen M - TERR-3; O'Neal,Mary K - TERS-3; Dietz,Joan M - TERR-3; Bottemiller,Steven C - TERS-3; Hillyer,Anne K - TERG-TPP-4; Saunders Jr,Robert F - TERS-3; Crisman,Iris F - TERS-3; Stephenson,Kathy W - TERS-3; Ridenhour,Randy L - DKT-DITT-2  
**Cc:** Johns,Michael C - TEP-TPP-1  
**Subject:** FW: Future Troutdale Subsite

[ Ex 5 ]

Thanks.....Mark

---

**From:** Hillyer,Anne K - TERG-TPP-4  
**Sent:** Wednesday, January 30, 2008 10:18 AM  
**To:** Korsness,Mark A - TEP-TPP-3  
**Subject:** Future Troutdale Subsite

Mark,

[ Ex 5 ]

Anne

Anne Hillyer, CP, RPP  
Cartographer  
Bonneville Power Administration  
Geospatial Services  
TERG-TPP-4  
PO Box 61409  
Vancouver, WA 98666-1409  
360-619-6543

## Wittpenn,Nancy A (BPA) - KEC-4

---

**From:** Hillyer,Anne K - TERG-TPP-4  
**Sent:** Friday, June 05, 2009 12:10 PM  
**To:** Conant,Jay D - TERM-TPP-4; Cook,Kerry B - TELF-TPP-3; Custer,Leonard L - TELC-TPP-3; Driessen,Laurens C; Grover,John J - TELP-TPP-3; Hammack,Debby - TPP-OPP-3; Hensley,Stacie R - TER-3; Heredia,Richard H - TELF-TPP-3; Hesse,David M - TELD-TPP-3; Johns,Michael C - TEP-TPP-1; Korsness,Mark A - TEP-TPP-3; Montero,Miguel A - TESD-CSB-2; Moyer,Martha A - TERG-TPP-4; Radcliff,Tony P - TPP-OPP-3; Rodrigues,Melvin T - TPP-OPP-3; Rydell,Kendall A - TPP-OPP-3; Schmidt,Sunshine R - KEC-4; Stoughton,Scott A - TERM-TPP-4; Taylor,David W - TERG-TPP-4; Wittpenn,Nancy A - KEC-4; Wittren,Douglas L - TERG-TPP-4; Zehntbauer,Nicole R - TERG-3  
**Subject:** Troutdale Substation dgn on Sharepoint Site

Hello,

[  
  
Ex 5  
  
]

Let me know if you have any problems viewing the data.

Thanks,  
Anne

Anne K. Hillyer, CP, RPP, GISP  
Bonneville Power Administration Geospatial Services  
TERG-TPP-4  
PO Box 61409  
Vancouver, WA 98662-1409  
ph: 360-619-6543  
fax: 360-619-6994

*"To achieve great things, two things are needed; a plan, and not quite enough time."  
-Leonard Bernstein*

Ex 5

**Wittpenn,Nancy A (BPA) - KEC-4**

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**From:** Korsness,Mark A - TEP-TPP-2  
**Sent:** Friday, September 18, 2009 11:23 AM  
**To:** Wittpenn,Nancy A - KEC-4; Driessen,Laurens C; Johns,Michael C - TEP-TPP-1;  
Rydell,Kendall A - TPP-OPP-3; Jaramillo,Emmanuel - TEP-TPP-2; Montero,Miguel A - TESD-  
CSB-2  
**Cc:** Grover,John J - TELP-TPP-3  
**Subject:** Draft Troutdale Design

FYI.....Mark

---

**From:** Hillyer,Anne K - TERG-TPP-4  
**Sent:** Friday, September 18, 2009 9:31 AM  
**To:** Korsness,Mark A - TEP-TPP-2  
**Subject:** PDF version



Ex 5

Troutdale\_Propose  
d\_27aug09.pdf...

The next page is redacted in its entirety under Exemption 5

## Wittpenn,Nancy A (BPA) - KEC-4

---

**From:** Hillyer,Anne K - TERG-TPP-4  
**Sent:** Tuesday, October 13, 2009 10:44 AM  
**To:** Wittpenn,Nancy A - KEC-4  
**Subject:** Troutdale latest revision



Ex 5

Troutdale\_Propose  
d\_27aug09.pdf...

Anne K. Hillyer, CP, RPP, GISP  
Bonneville Power Administration Geospatial Services  
TERG-TPP-4  
PO Box 61409  
Vancouver, WA 98662-1409  
ph: 360-619-6543  
fax: 360-619-6994

*"To achieve great things, two things are needed; a plan, and not quite enough time."  
-Leonard Bernstein*

The next page is redacted in its entirety under Exemption 5

[

Non-responsive

]

③ Troutdale Ex 5 - haven't  
had from Part; MK to ✓ back  
w/ team

BPA-HDR Siting Mtg. 4/9/10

Non-responsive

Ex 5

Non-responsive

Ex 5



Substation discussions

6/25/10

Non-responsive

- Secondary sub; No detection pond as the Rocky River drainage district does not allow them behind the terrain. Still must provide for water quality treatment. B/c there is no transfer zone; no major vault requirements for treatment.

sticky note scanned  
in error

13 Sitting Mtg.

8/5/09

Mike, Lew, John, Tony, Downeen, KC, me  
Doug J., Miguel, Nicole

Table [

Ex 5

[

Non-responsive

]

Siting Issues Mtg.

7/8/09

Non-responsive

④

Ex 5

Non-responsive

Project Mtg.

5/27/09

TRUTDALE

- Troutdale Substation ~~1300' x 800'~~ - IS  
if enough ~~development~~ future  
development ~~is~~

Flooding of Substation maybe  
that might happen so it needs to be studied  
for that potential.

## **Rydell,Kendall A (BPA) - TPP-OPP-3**

---

**From:** Rydell,Kendall A - TPP-OPP-3  
**Sent:** Tuesday, August 04, 2009 4:58 PM  
**To:** Luiz,Johnny - TEP-CSB-2; Korsness,Mark A - TEP-TPP-3; Grover,John J - TELP-TPP-3; Montero,Miguel A - TESD-CSB-2; Ta,Minh Quang - TESD-CSB-2  
**Subject:** I-5 Corridor Project - Long Range Substation Plans

**Follow Up Flag:** Follow up  
**Flag Status:** Purple

**Attachments:** TROUTDALE\_plan.doc; PEARL\_LONG\_RANGE\_rev4.doc; Pearl\_PRD\_Map.pdf; Castle Rock\_plan.doc

Hello,

Here are the sketches which show the possible long-range layouts for Troutdale, Pearl, and Castle Rock 500 kV Substations.

These reflect our best idea of how these facilities may be expanded in the future.

NOTE: These sketches show potential future projects - some of these are NOT part of the I-5 Corridor Reinforcement project. To see what facilities are part of the I-5 project, refer to PRD # 279148 (for Troutdale option) or 281418 (for Pearl option).

Kendall

Troutdale - Potential Long-Range layout sketch



TROUTDALE\_pla  
n.doc (37 KB)

[

Non-responsive

]

**TROUTDALE 500 kV  
POTENTIAL LONG-RANGE LAYOUT**

Ex 5

**Rydell,Kendall A (BPA) - TPP-OPP-3**

---

**From:** Montero,Miguel A - TESD-CSB-2  
**Sent:** Tuesday, June 02, 2009 3:41 PM  
**To:** Rydell,Kendall A - TPP-OPP-3  
**Cc:** Hillyer,Anne K - TERG-TPP-4  
**Subject:** I5 corridor Paul-Trou Project.pdf  
**Follow Up Flag:** Follow up  
**Flag Status:** Red  
**Attachments:** I5 corridor Paul-Trou Project.pdf

Kendall,

[

Ex 5

]

Thanks.

*Miguel Montero*

NO.	REV.	DATE	BY	APPROVED
COMPUTER REVISION ONLY				
C-CONTRACT CONSTRUCTION, FA-FORGE ACCOUNT CONSTRUCTION, RB-RECORD				
UNITED STATES DEPARTMENT OF ENERGY				
BONNEVILLE POWER ADMINISTRATION				
HEADQUARTERS, 7011 LAKO, OREGON				
DRWN	---	---	---	---
CHKD	---	---	---	---
REVW	---	---	---	---
CHKD	---	---	---	---
APPV	---	---	---	---
DATE	---	---	---	---

  

futurename SUBSTATION 20 YEARS PLOT PLAN Paul-Trou 15 corridor Proj	SHEET	SOURCE	SIZE	SHEET	REVISION
	SOE	A1	1	1	0



**Rydell,Kendall A (BPA) - TPP-OPP-3**

---

**From:** Hammack,Debby - TPP-OPP-3  
**Sent:** Thursday, April 08, 2010 3:25 PM  
**To:** Rydell,Kendall A - TPP-OPP-3  
**Subject:** FW: I-5 corridor fault study  
**Follow Up Flag:** Follow up  
**Flag Status:** Red  
**Attachments:** I5 Fault Study 4-8-2010.xls Ex 5

Hi Kendall -

[ Ex 5 ]

Thanks  
Deb

---

**From:** Johnson,Cory W - TESM-AMPN-2  
**Sent:** Thursday, April 08, 2010 2:43 PM  
**To:** Hammack,Debby - TPP-OPP-3  
**Subject:** I-5 corridor fault study

Debby,

Attached is the fault study you requested.

Regards,

*Cory W. Johnson*

Electrical Engineer  
Substation Technical Services  
TESM-AMPN-2

Office: 360.418.2606  
Fax: 360.418.2958

P.O.Box 491  
Vancouver, WA 98666-0491

Bus	kV	Without Project			With Project			% Change		
		1LG Fault Duty	3LG Fault Duty	Maximum Fault Duty	1LG Fault Duty	3LG Fault Duty	Maximum Fault Duty	1LG Fault Duty	3LG Fault Duty	

ALLSTON  
 CASTLE ROCK  
 NAPAVINE  
 OSTRANDR  
     PAUL  
 SUNDIAL  
 TROUTDAL

**Rydell, Kendall A (BPA) - TPP-OPP-3**

---

**From:** Korsness, Mark A - TEP-TPP-2  
**Sent:** Sunday, February 07, 2010 2:49 PM  
**To:** 'Hereim, Scott A.'  
**Cc:** Rydell, Kendall A - TPP-OPP-3; Montero, Miguel A - TESD-CSB-2; Grover, John J - TELP-TPP-3; Jaramillo, Emmanuel - TEP-TPP-2; Emery, Brian E - TEL-TPP-2; Korsness, Mark A - TEP-TPP-2  
**Subject:** Troutdale Map I-5 Corridor Troutdale Substation Map  
**Follow Up Flag:** Follow up  
**Flag Status:** Red  
**Attachments:** Troutdale\_Proposed\_27aug09.pdf

Here it is laid out on the property. The Port of Portland is in the process of adjusting it slightly. We hope to hear from them soon.

Thanks.....Mark



Troutdale\_Proposed\_27aug09.pdf.

---

**lisa marko maclellan**

contract environmental protection specialist

environment, fish & wildlife

bonneville power administration

503.230.4047

The next page is redacted in its entirety under Exemption 5.

## Rydell, Kendall A (BPA) - TPP-OPP-3

---

**From:** Korsness, Mark A - TEP-TPP-2  
**Sent:** Sunday, February 07, 2010 2:44 PM  
**To:** 'scotthereim@hdrinc.com'  
**Cc:** Emery, Brian E - TEL-TPP-2; Jaramillo, Emmanuel - TEP-TPP-2; Rydell, Kendall A - TPP-OPP-3; Montero, Miguel A - TESD-CSB-2; Grover, John J - TELP-TPP-3; Korsness, Mark A - TEP-TPP-2  
**Subject:** Troutdale sub plot plan  
**Attachments:** Future Troutdale Plot Plan.pdf

See attached for the Troutdale substation plot plan.

---

**From:** Jaramillo, Emmanuel - TEP-TPP-2  
**Sent:** Friday, November 20, 2009 3:31 PM  
**To:** Korsness, Mark A - TEP-TPP-2  
**Subject:** \*\*\* Troutdale sub plot plan



Future Troutdale  
Plot Plan.pdf...

The next page is redacted in its entirety under Exemption 5.

**Rydell, Kendall A (BPA) - TPP-OPP-3**

---

**From:** Larvick, Carol M - TPM-OPP-3  
**Sent:** Thursday, January 28, 2010 9:36 AM  
**To:** Riehl, Jim M - TECC-CSB-2; Witthaus, Chris C - TECC-CSB-1  
**Cc:** Hammack, Debby - TPP-OPP-3; Rydell, Kendall A - TPP-OPP-3  
**Subject:** Conference call or meeting for I-5 Corridor requirements

**Follow Up Flag:** Follow up  
**Flag Status:** Blue

**Attachments:** 279148-01.pdf; 279148-02.pdf; 279148-05.pdf; 279148-06.pdf Ex 5

Hi folks,

[  
  
Ex 5  
  
]



279148-01.pdf  
(205 KB)



279148-02.pdf  
(93 KB)



279148-05.pdf  
(117 KB)



279148-06.pdf  
(119 KB)

Best regards,

***Carol Larvick***

Technical Lead, Communications

Communications & Grid Modeling  
Bonneville Power Administration  
P.O. Box 61409, TPM-OPP/3  
Vancouver, WA 98666-1409

(360) 619 - 6714  
cmlarvick@bpa.gov

The next 22 pages are redacted in their entirety under Exemption 5.

**Grover,John J (BPA) - TELP-TPP-3**

---

**From:** Montero,Miguel A - TESD-CSB-2  
**Sent:** Thursday, August 13, 2009 6:19 PM  
**To:** Korsness,Mark A - TEP-TPP-3; Jaramillo,Emmanuel - TEP-CSB-2  
**Cc:** Rydell,Kendall A - TPP-OPP-3; Luiz,Johny - TEP-CSB-2; Ta,Minh Quang - TESD-CSB-2; Grover,John J - TELP-TPP-3; Driessen,Laurens C; Johns,Michael C - TEP-TPP-1; Wittpenn,Nancy A - KEC-4; Camp,Ellen A - TERS-3; Woolson,Paul B - TERR-COVINGTON; Jansen,Wendy E - TERR-OLYMPIA; Dostert,Dawneen M - TERR-LMT; O'Neal,Mary K - TERS-3  
**Subject:** RE: Castle Rock and future "Troutdale" Long Range Layouts  
**Attachments:** Future Castle Rock Plot Plan.pdf; Future Castle Rock Plot Plan.dgn; Castle Rock\_plan.doc; Future Troutdale Plot Plan.pdf; Future Troutdale Plot Plan.dgn; TROUTDALE\_plan.doc Ex 5

Mark/Emmanuel,

[ Ex 5 ]



[ Ex 5 ]

Please send me your comments on these plot plans.

Thanks.

*Miguel Montero*

---

**From:** Korsness,Mark A - TEP-TPP-3  
**Sent:** Thursday, August 13, 2009 11:07 AM  
**To:** Montero,Miguel A - TESD-CSB-2  
**Cc:** Rydell,Kendall A - TPP-OPP-3; Luiz,Johny - TEP-CSB-2; Ta,Minh Quang - TESD-CSB-2; Grover,John J - TELP-TPP-3; Jaramillo,Emmanuel - TEP-CSB-2; Driessen,Laurens C; Johns,Michael C - TEP-TPP-1; Wittpenn,Nancy A - KEC-4; Camp,Ellen A - TERS-3; Woolson,Paul B - TERR-COVINGTON; Jansen,Wendy E - TERR-OLYMPIA; Dostert,Dawneen M - TERR-LMT; O'Neal,Mary K - TERS-3  
**Subject:** RE: Castle Rock Long Range Layout

Miguel, please provide an updated plot plan for Castle Rock.  
Thanks.....Mark

**From:** Rydell,Kendall A - TPP-OPP-3  
**Sent:** Thursday, August 13, 2009 11:04 AM  
**To:** Korsness,Mark A - TEP-TPP-3; Luiz,Johny - TEP-CSB-2; Montero,Miguel A - TESD-CSB-2; Ta,Minh Quang - TESD-CSB-2; Grover,John J - TELP-TPP-3; Jaramillo,Emmanuel - TEP-CSB-2  
**Subject:** RE: Castle Rock Long Range Layout

[  
Ex 5  
]

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**From:** Korsness,Mark A - TEP-TPP-3  
**Sent:** Thursday, August 13, 2009 10:58 AM  
**To:** Rydell,Kendall A - TPP-OPP-3; Luiz,Johny - TEP-CSB-2; Montero,Miguel A - TESD-CSB-2; Ta,Minh Quang - TESD-CSB-2; Grover,John J - TELP-TPP-3  
**Subject:** RE: Castle Rock Long Range Layout

[  
Ex 5  
]

---

**From:** Rydell,Kendall A - TPP-OPP-3  
**Sent:** Thursday, August 06, 2009 4:18 PM  
**To:** Korsness,Mark A - TEP-TPP-3; Luiz,Johny - TEP-CSB-2; Montero,Miguel A - TESD-CSB-2; Ta,Minh Quang - TESD-CSB-2; Grover,John J - TELP-TPP-3  
**Subject:** Castle Rock Long Range Layout

Hello,

[  
Ex 5  
]

Ex 5

COMPUTER ONLY	CONTRACT DESCRIPTION	ACCOUNT DESCRIPTION	RECORD
	BONNEVILLE POWER ADMINISTRATION		
	TRUDDALE SUBSTATION		
	20 YEARS PLOT PLAN		
		SOE	AI 1 1 0



**TROUTDALE 500 kV  
POTENTIAL LONG-RANGE LAYOUT**

Ex 5

**Bennett,Michelle L (CONTR) - KEC-4**

---

**From:** Wittpenn,Nancy A - KEC-4  
**Sent:** Wednesday, June 23, 2010 8:37 AM  
**To:** Bingaman,Claire D - KEC-4  
**Subject:** FW: Troutdale latest revision

---

**From:** Hillyer,Anne K - TERG-TPP-4  
**Sent:** Tuesday, October 13, 2009 10:44 AM  
**To:** Wittpenn,Nancy A - KEC-4  
**Subject:** Troutdale latest revision



Troutdale\_Propose  
d\_27aug09.pdf...

Anne K. Hillyer, CP, RPP, GISP  
Bonneville Power Administration Geospatial Services  
TERG-TPP-4  
PO Box 61409  
Vancouver, WA 98662-1409  
ph: 360-619-6543  
fax: 360-619-6994

*"To achieve great things, two things are needed; a plan, and not quite enough time."  
-Leonard Bernstein*

This next 7 pages are redacted in their entirety under Exemption 5.

## Grover,John J (BPA) - TELP-TPP-3

---

**From:** Wittpenn,Nancy A - KEC-4  
**Sent:** Tuesday, October 20, 2009 8:45 AM  
**To:** Korsness,Mark A - TEP-TPP-2; Montero,Miguel A - TESD-CSB-2; Grover,John J - TELP-TPP-3; McDonald,James J - TELF-TPP-3  
**Subject:** FW: Troutdale latest revision

**Attachments:** Troutdale\_Proposed\_27aug09.pdf Ex 5

This is the latest Troutdale version.

---

**From:** Hillyer,Anne K - TERG-TPP-4  
**Sent:** Tuesday, October 13, 2009 10:44 AM  
**To:** Wittpenn,Nancy A - KEC-4  
**Subject:** Troutdale latest revision



Troutdale\_Propose  
d\_27aug09.pdf... Ex 5

Anne K. Hillyer, CP, RPP, GISP  
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-Leonard Bernstein*

The next page is redacted in its entirety under Exemption 5.

**Bennett,Michelle L (CONTR) - KEC-4**

---

**From:** Grover,John J - TELP-TPP-3  
**Sent:** Tuesday, June 22, 2010 10:04 AM  
**To:** Bingaman,Claire D - KEC-4  
**Subject:** RE: I-5 Project Description questions

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Claire,

Lets see if I can answer your questions.

[

Ex 5

]

Hopefully this helps.

John Grover  
x6314

---

**From:** Bingaman,Claire D - KEC-4  
**Sent:** Monday, June 21, 2010 3:35 PM  
**To:** Grover,John J - TELP-TPP-3  
**Subject:** I-5 Project Description questions

Hey John,

[

Ex 5

]

Let me know if you have questions!

Thanks for your help,

~Claire

**From:** Korsness,Mark A - TEP-TPP-3  
**Sent:** Wednesday, May 19, 2010 2:33 PM  
**To:** Smith,Philip W - KEP-4; Hugill,Stuart G - KEP-4; Sherer,Brett M - KEP-4;  
Jaramillo,Emmanuel - TEP-TPP-2  
**Cc:** Wittpenn,Nancy A - KEC-4  
**Subject:** RE: I-5 Sundial Sub at Troutdale

OK. [ Ex 5 ]

Thanks..... Mark

---

**From:** Smith,Philip W - KEP-4  
**Sent:** Wednesday, May 19, 2010 2:02 PM  
**To:** Korsness,Mark A - TEP-TPP-3; Hugill,Stuart G - KEP-4; Sherer,Brett M - KEP-4; Jaramillo,Emmanuel - TEP-TPP-2  
**Cc:** Wittpenn,Nancy A - KEC-4  
**Subject:** RE: I-5 Sundial Sub at Troutdale

Ex 5

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**From:** Korsness,Mark A - TEP-TPP-3  
**Sent:** Wednesday, May 19, 2010 12:56 PM  
**To:** Hugill,Stuart G - KEP-4; Smith,Philip W - KEP-4; Sherer,Brett M - KEP-4; Jaramillo,Emmanuel - TEP-TPP-2  
**Cc:** Wittpenn,Nancy A - KEC-4  
**Subject:** RE: I-5 Sundial Sub at Troutdale

Ex 5

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**From:** Wittpenn,Nancy A - KEC-4  
**Sent:** Wednesday, May 19, 2010 12:55 PM  
**To:** Korsness,Mark A - TEP-TPP-3  
**Subject:** RE: I-5 Sundial Sub at Troutdale

Ex 5

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**From:** Korsness,Mark A - TEP-TPP-3  
**Sent:** Wednesday, May 19, 2010 12:53 PM  
**To:** Wittpenn,Nancy A - KEC-4  
**Subject:** RE: I-5 Sundial Sub at Troutdale

Ex 5

---

**From:** Wittpenn,Nancy A - KEC-4  
**Sent:** Wednesday, May 19, 2010 12:49 PM  
**To:** Korsness,Mark A - TEP-TPP-3; Wolcott,Marian - TER-3; Woolson,Paul B - TERR-OLYMPIA; Adams,Herbert V - LC-7  
**Cc:** Jaramillo,Emmanuel - TEP-TPP-2; Meisner,Neal E - TERR-3; Gaston,Jill M - TERR-OLYMPIA; Bottemiller,Steven C - TERS-3;  
Camp,Ellen A - TERS-3  
**Subject:** RE: I-5 Sundial Sub at Troutdale

Agree with Mark. Ex 5  
I could be wrong.

---

**From:** Korsness,Mark A - TEP-TPP-3  
**Sent:** Wednesday, May 19, 2010 12:40 PM  
**To:** Wolcott,Marian - TER-3; Woolson,Paul B - TERR-OLYMPIA; Adams,Herbert V - LC-7; Wittpenn,Nancy A - KEC-4  
**Cc:** Jaramillo,Emmanuel - TEP-TPP-2; Meisner,Neal E - TERR-3; Gaston,Jill M - TERR-OLYMPIA; Bottemiller,Steven C - TERS-3;  
Camp,Ellen A - TERS-3

**Subject:** RE: I-5 Sundial Sub at Troutdale

Ex 5

---

**From:** Wolcott, Marian - TER-3  
**Sent:** Wednesday, May 19, 2010 12:37 PM  
**To:** Korsness, Mark A - TEP-TPP-3; Woolson, Paul B - TERR-OLYMPIA; Adams, Herbert V - LC-7; Wittpenn, Nancy A - KEC-4  
**Cc:** Jaramillo, Emmanuel - TEP-TPP-2; Meisner, Neal E - TERR-3; Gaston, Jill M - TERR-OLYMPIA; Bottemiller, Steven C - TERS-3; Camp, Ellen A - TERS-3  
**Subject:** RE: I-5 Sundial Sub at Troutdale

Ex 5

Marian

---

**From:** Korsness, Mark A - TEP-TPP-3  
**Sent:** Wednesday, May 19, 2010 11:49 AM  
**To:** Woolson, Paul B - TERR-OLYMPIA; Adams, Herbert V - LC-7; Wolcott, Marian - TER-3; Wittpenn, Nancy A - KEC-4  
**Cc:** Jaramillo, Emmanuel - TEP-TPP-2  
**Subject:** I-5 Sundial Sub at Troutdale

Ex 5

Thanks.....Mark

The next 11 pages are redacted in their entirety under Exemption 5.

**Korsness,Mark A (BPA) - TEP-TPP-3**

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**From:** Montero,Miguel A - TESD-CSB-2  
**Sent:** Wednesday, March 31, 2010 9:46 AM  
**To:** Korsness,Mark A - TEP-TPP-3  
**Subject:** \*\*\*\*\* I-5 Corridor Reinforcement Project Sharepoint Site

Mark,

See the link below.

*Miguel Montero*

---

**From:** Hillyer,Anne K - TERG-TPP-4  
**Sent:** Thursday, May 28, 2009 1:53 PM  
**To:** Korsness,Mark A - TEP-TPP-3; Grover,John J - TELP-TPP-3; Montero,Miguel A - TESD-CSB-2; Wittpenn,Nancy A - KEC-4; Schmidt,Sunshine R - KEC-4; Hesse,David M - TELD-TPP-3; Custer,Leonard L - TELC-TPP-3; Heredia,Richard H - TELF-TPP-3; Cook,Kerry B - TELF-TPP-3; Conant,Jay D - TERM-TPP-4; Stoughton,Scott A - TERM-TPP-4; Taylor,David W - TERG-TPP-4; Hensley,Stacie R - TER-3; Wittren,Douglas L - TERG-TPP-4; Zehntbauer,Nicole R - TERG-3; Moyer,Martha A - TERG-TPP-4; Rydell,Kendall A - TPP-OPP-3; Radcliff,Tony P - TPP-OPP-3; Rodrigues,Melvin T - TPP-OPP-3; Hammack,Debby - TPP-OPP-3; Johns,Michael C - TEP-TPP-1; Driessen,Laurens C  
**Subject:** I-5 Corridor Reinforcement Project Sharepoint Site

Hello,

Below is the link to the I-5 Corridor Reinforcement Project Sharepoint Site. The site was originally created almost two years ago when we were using and older version of Sharepoint, so if you had saved the link to the old site as a favorite your link might not work anymore.

Some of the data on this site may not be current.

Mark asks that we not distribute any of the site contents outside of BPA.

[  
Ex 5  
]

Anne

Anne K. Hillyer, CP, RPP, GISP  
Bonneville Power Administration Geospatial Services  
TERG-TPP-4  
PO Box 61409  
Vancouver, WA 98662-1409  
ph: 360-619-6543  
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