Margot, Here's our response;

Andy

---Original Message---
From: Margot Anderson at HQ-EXCH at X400PO
Sent: Sunday, March 25, 2001 1:16 PM
To: Kydes, Andy
Cc: Kendell, James; Hutzler, Mary; Pettis, Larry
Subject: RE: Chapter 8 (Increased production of U.S. Energy Resources

Andy,

Thanks. I'll wait until all the comments are pulled together. Buys me a little time to work on the other chapters.

Margot

---Original Message---
From: KYDES, ANDY
Sent: Saturday, March 24, 2001 6:17 PM
To: Anderson, Margot
Cc: KENDELL, JAMES; HUTZLER, MARY; PETTIS, LARRY
Subject: RE: Chapter 8 (Increased production of U.S. Energy Resources

Margot:
That's it for now.

Andy

-----Original Message-----
From: Margot Anderson at HQ-EXCH at X400PO
Sent: Saturday, March 24, 2001 10:40 AM
To: Kydes, Andy; John Conli at HQ-EXCH at X400PO; Andrea Lockwood at HQ-EXCH at X400PO; William Breed at HQ-EXCH at X400PO; Michael Whalley at HQ-EXCH at X400PO; Douglas Carter at HQ-EXCH at X400PO; Jay Bratich at HQ-EXCH at X400PO; Elena Melchert at HQ-EXCH at X400PO; TREVOR COOK at HQ-EXCH at X400PO; jksier@bpa.gov at internet at X400PO; Christopher Freitas at HQ-EXCH at X400PO; Mark FRIEDRICH at HQ-EXCH at X400PO; David Pumphrey at HQ-EXCH at X400PO; Kevin Kolevar at HQ-EXCH at X400PO; Abe Haspel at HQ-NOTES at X400PO; MaryBeth Zimmerman at HQ-NOTES at X400PO; Michael York at HQ-NOTES at X400PO
Cc: Joseph Kelliher at HQ-EXCH at X400PO
Subject: Chapter 8 (increased production of U.S. Energy Resources)

15935

DOE017-0563

Obtained and made public by the Natural Resources Defense Council, March/April 2002
Margot,
Below is reply from DOT staff.
Thanks,
Michelle

The only additional barriers we would add are:

---Original Message---
From: Anderson, Margot [mailto:Margot.Anderson@hq.doe.gov]
Sent: Sunday, March 25, 2001 1:43 PM
To: 'Poche, Michelle'; Kelllher, Joseph
Cc: 'Symons,Jeremy(a)EPA.gov'
Subject: RE: DOT Comments

Michelle,

Margot

Margot

---Original Message---
From: Poche, Michelle [mailto:Michelle.Poche@ost.dot.gov]
Sent: Saturday, March 24, 2001 4:18 PM
To: Kelllher, Joseph
Cc: Anderson, Margot; 'Symons,Jeremy(a)EPA.gov'
Subject: DOT Comments

Joe and Margot,
Here are some comments from DOT policy staff on your chapters. Since our systems don't always talk to each other, I'll paste them below into this email as well as attaching a document. Please let me know if you have questions, and I'll run them down with the folks who have offered these suggestions.
Please note the suggested text for Chapter 6 includes some policy recommendations and pro and con stuff that we might agree should be deleted or rephrased. But I wanted to submit it to you as drafted by our policy folks as a starting point for discussion.

Jeremy, Joe and Margot,
Thanks,
Michelle

Chapter 3
I'm responding to your note to Mike Gent requesting a map that depicts the electric transmission lines across the United States, and illustrates where the bottlenecks are. It turns out that we did prepare a simplified map of North America showing the general areas of congestion that have occurred recently, but not identifying specific facilities. It is attached as a PPT file.

This map is representative, not definitive, because congestion does not occur in the same places all the time. There are certain weak portions of the network that show up as limits a good portion of the time. Such is the case of the path between Minnesota and Wisconsin, known as the Eau Claire - Arpin line. But, as conditions change, due to unavailability of generating units, weather extremes, or generation costs, what might be a limit today can disappear and be replaced by another. One well-known example is Path 15, which is between central and southern California within the PG&E system and south of Los Banos substation. Path 15 is made up of the following lines:

- Midway-Los Banos 1 and 2 500 kV lines
- Gates-Panoche 1 and 2 230 kV lines
- Gates-Gregg 230 kV line
- Gates-McCall 230 kV line

This path was cited frequently this past winter by the California ISO as limiting the flow of power from southern to northern California. But, last week during the statewide rolling blackouts, it was not limiting. As we move into the summer, it is entirely possible that other paths will be limiting. For example, Path 26, which consists of the 3-500 kV Midway - Vincent lines running between PG&E and SCE, may show up as a limit to north to south transfers. It all depends on which generators are running and which ones are not. In the case of California, the availability of generation at hydro plants in northern California and the Pacific Northwest (including Canada) will be a determining factor.

Further to the point of shifting limits is the situation that occurred last summer in the Midwest. Because of hot temperatures and high gas prices in the South and Southwest, and cool temperatures in the upper Midwest, over 9,000 MW of power was transferred north to south. This was very unusual,
but brought into play a number of limiting paths and interfaces running across the middle of the country that had not all come up before (see my simplified map.)

Just 2 or three years ago, there were limits to moving power from the Mid-Atlantic area into the East Central area. The very next year, things turned around and the limit was in the other direction!

I guess the point I'm trying to make is that it is not a simple matter to show limits and bottlenecks on a map and have that mean something. Best thing for you and the folks you work with is for us to come down and give you a face-to-face briefing on the whole transmission situation.

This week, most of our folks are in New Orleans where our three technical committees are meeting. Then on Friday we have a special meeting of our Board in Chicago. How about next week sometime?

Dave

PS I should mention a couple other things that we produce, just so you know about them.

We publish a detailed Transmission Line Map covering the contiguous United States and most of Canada. The map is approximately 40 x 50 inches and features generating plants and substations, transmission lines 230 kV and above that will be in service as of January 1, 2000, and the boundaries of the NERC Regions. We don't have this in electronic form, but could send you a copy to evaluate for inclusion in your report. Let me know and we can even overnight it to you.

In each of our reports on upcoming summer and winter conditions we include a map showing incremental transfer capabilities between Regions and subregions. I included another PDF file for the map that was included in our Summer 2000 report. I included the footnotes too to give you a sense of how these numbers can change as system conditions change. Also, note that these are "non-simultaneous" power transfer capabilities. That means that when Region A imports power from Region B, up to the limit shown in the map, Region A's ability to simultaneously import from Region C may be (and often is) much less than the value shown. Such are the intricacies of interconnected AC power systems and why old transmission planners like me have had so much fun throughout our careers.

Last but not least, I've included a map (PDF) showing the Control Areas in North America and the connections to other Control Areas, superimposed on the NERC map. The connections can be a single transmission line or multiple lines. The map only shows connectivity.
Margot,
This is wonderful! Thank you.
--Michelle

---Original Message---
From: Anderson, Margot [mailto:Margot.Anderson@hq.doe.gov]
Sent: Monday, March 26, 2001 6:04 PM
To: 'Poche, Michelle'
Cc: Charles Smith (E-mail); Kelliher, Joseph
Subject: RE: DOT Comments

Michelle,

Margot

---Original Message---
From: Poche, Michelle [mailto:Michelle.Poche@ost.dot.gov]
Sent: Monday, March 26, 2001 5:42 PM
To: Anderson, Margot

> ---Original Message---
> From: Poche, Michelle
> Sent: Monday, March 26, 2001 3:18 PM
> To: 'Anderson, Margot'
> Subject: RE: DOT Comments
> 
> Here are all but one of the sources...we are verifying the GDP number.
> 
> <<chapter 6 sources.doc>>
> 
> ---Original Message---
> From: Anderson, Margot [mailto:Margot.Anderson@hq.doe.gov]
> Sent: Sunday, March 25, 2001 1:29 PM
> To: 'Poche, Michelle'; Kelliher, Joseph
> Cc: 'Symons.Jeremy(e)EPA.gov'

15963

DOE017-0591

Obtained and made public by the Natural Resources Defense Council, March/April 2002
Subject: RE: DOT Comments

Michelle,

Thanks for the comments on chapters 3 and 6. Can you supply references for the numbers you quote in your re-written transportation section? Looks pretty consistent with EIA data but I just want to be sure.

Margot

---Original Message---
From: Poche, Michelle [mailto:Michelle.Poche@ost.dot.gov]
Sent: Saturday, March 24, 2001 4:18 PM
To: Kelliher, Joseph
Cc: Anderson, Margot; Symons.Jeremy(a)epa.gov
Subject: DOT Comments

Joe and Margot,
Here are some comments from DOT policy staff on your chapters. Since our systems don't always talk to each other, I'll paste them below into this email as well as attaching a document. Please let me know if you have questions, and I'll run them down with the folks who have offered these suggestions.

Please note the suggested text for Chapter 6 includes some policy recommendations and pro and con stuff that we might agree should be deleted or rephrased. But I wanted to submit it to you as drafted by our policy folks as a starting point for discussion.

Jeremy, Joe and Margot,

Thanks,
Michelle

Chapter 6

15964
Williams, Ronald L

From:            Breed, William
Sent:            Tuesday, March 27, 2001 8:55 AM
To:              Anderson, Margot
Subject:         Q's from Joe K

Margot:

attached is a 3-pager on Coal in Federal lands, pulled from a USGS report (July '99)

William Breed
Acting Director, Office of Energy Efficiency,
Alternative Fuels, and Oil Analysis (PO-22)
202-586-4763

Coal Resources on Federal
Land...
Williams, Ronald L

From: Cook, Trevor
Sent: Tuesday, March 27, 2001 11:11 AM
To: Anderson, Margot
Subject: here are more fleshed out versions of the 6 papers I sent on Friday

Importance: High

Margot,

The Friday submittal was pure placeholder, but these are good enough to critically evaluate. Do you know which ones have made the cut so far????

Trev.
Yes, the shut downs are attributable to extreme electricity prices. And yes, the companies that remarketed power made a profit.

Crystal

---Original Message---
From: Anderson, Margot [mailto:Margot.Anderson@hq.doe.gov]
Sent: Tuesday, March 27, 2001 11:08 AM
To: 'Ball, Crystal A - KN-DC'; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'; 'Stier, Jeffrey K - KN-DC'
Subject: RE: BPA DSI information

Crystal

Please tell Jeff all his e-mail is still bouncing back. I called him. He sent me mail but even my reply to his just sent e-mail

---Original Message---
From: Ball, Crystal A - KN-DC [mailto:caball@bpa.gov]
Sent: Monday, March 26, 2001 9:56 AM
To: Anderson, Margot; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'; 'Stier, Jeffrey K - KN-DC'
Subject: RE: BPA DSI information

Crystal

---Original Message---
From: Anderson, Margot [mailto:Margot.Anderson@hq.doe.gov]
Sent: Friday, March 23, 2001 5:54 PM
To: 'Stier, Jeffrey K - KN-DC'; 'Ball, Crystal A - KN-DC'; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'
Subject: RE: BPA DSI information

Thank you!

---Original Message---
From: 'Stier, Jeffrey K - KN-DC [mailto:jkslier@bpa.gov]
Sent: Friday, March 23, 2001 3:59 PM
To: Anderson, Margot; 'Ball, Crystal A - KN-DC'; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'
Subject: RE: BPA DSI information

15982

DOE017-0610

Obtained and made public by the Natural Resources Defense Council, March/April 2002
---Original Message---
From: Anderson, Margot [mailto:Margot.Anderson@hq.doe.gov]
Sent: Friday, March 23, 2001 12:46 PM
To: 'Ball, Crystal A - KN-DC'; Carrier, Paul
Cc: 'Stier, Jeffrey K - KN-DC'; Seifert, Roger - KN-DC
Subject: RE: BPA DSI information

Margot

---Original Message---
From: Ball, Crystal A - KN-DC [mailto:caball@bpa.gov]
Sent: Friday, March 23, 2001 12:35 PM
To: Anderson, Margot; Carrier, Paul
Cc: Stier, Jeffrey K - KN-DC; Seifert, Roger - KN-DC
Subject: RE: BPA DSI information
Importance: High

> <<DSI paul info.doc>> <<McCook pr final.doc>>
I'll try to look for other examples.

--- Original Message ---
From: Anderson, Margot [mailto:Margot.Anderson@hq.doe.gov]
Sent: Tuesday, March 27, 2001 1:02 PM
To: 'Ball, Crystal A - KN-DC'; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'; 'Stier, Jeffrey K - KN-DC'
Subject: RE: BPA DSI Information

Crystal,

Sorry to keep bugging you. What do you know about the Georgia Pacific paper mill laying off workers and shutting down operations due to high energy prices. Can you confirm?

Thank.

Margot

--- Original Message ---
From: Ball, Crystal A - KN-DC [mailto:caball@bpa.gov]
Sent: Tuesday, March 27, 2001 11:19 AM
To: Anderson, Margot; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'; 'Stier, Jeffrey K - KN-DC'
Subject: RE: BPA DSI Information

Yes, the shut downs are attributable to extreme electricity prices. And yes, the companies that remarketed power made a profit.

Crystal

--- Original Message ---
From: Anderson, Margot [mailto:Margot.Anderson@hq.doe.gov]
Sent: Tuesday, March 27, 2001 11:08 AM
To: 'Ball, Crystal A - KN-DC'; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'; 'Stier, Jeffrey K - KN-DC'
Subject: RE: BPA DSI Information

Crystal,
Please tell Jeff all his e-mail is still bouncing back. I called him. He sent me mail but even my reply to his just sent e-mail

---Original Message---
From: Ball, Crystal A - KN-DC [mailto:caball@bpa.gov]
Sent: Monday, March 26, 2001 9:56 AM
To: Anderson, Margot; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'; 'Stier, Jeffrey K - KN-DC'
Subject: RE: BPA DSI information

Crystal

---Original Message---
From: Anderson, Margot [mailto:Margot.Anderson@hq.doe.gov]
Sent: Friday, March 23, 2001 5:54 PM
To: 'Stier, Jeffrey K - KN-DC'; 'Ball, Crystal A - KN-DC'; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'
Subject: RE: BPA DSI information

---Original Message---
From: Stier, Jeffrey K - KN-DC [mailto:jkstier@bpa.gov]
Sent: Friday, March 23, 2001 3:59 PM
To: Anderson, Margot; 'Ball, Crystal A - KN-DC'; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'
Subject: RE: BPA DSI information

---Original Message---
From: Anderson, Margot [mailto:Margot.Anderson@hq.doe.gov]
Sent: Friday, March 23, 2001 12:46 PM
To: 'Ball, Crystal A - KN-DC'; Carrier, Paul
Cc: 'Stier, Jeffrey K - KN-DC'; 'Seifert, Roger - KN-DC'
Subject: RE: BPA DSI information

Crystal,
Margot

Original Message
From: Ball, Crystal A - KN-DC [mailto:cball@bpa.gov]
Sent: Friday, March 23, 2001 12:35 PM
To: Anderson, Margot; Carrier, Paul
Cc: Stier, Jeffrey K - KN-DC; Seifert, Roger - KN-DC
Subject: RE: BPA DSI information
Importance: High

Please use the revised one-page summary. We received updated information on the amount of remarketing/curtailments due to our agreement with McCook Metals. Thanks!

> <<DSI paul info.doc>> <<McCook pr final.doc>>
W
i
lliams, Ronald L

From: Ball, Crystal A - KN-DC [caball@bpa.gov]
Sent: Tuesday, March 27, 2001 2:28 PM
To: Anderson, Margot
Subject: RE: BPA DSI information

You could cite the Seattle Times (Feb. 6, 2001 Utility files suit, cites rate woes). I talked to BPA staff and checked out an article posted on the Web site.

--- Original Message ---
From: Anderson, Margot [mailto:Margot.Anderson@hq.doe.gov]
Sent: Tuesday, March 27, 2001 2:20 PM
To: 'Ball, Crystal A - KN-DC'
Subject: RE: BPA DSI information

Do you have a source for this that I could cite in the document?

--- Original Message ---
From: Ball, Crystal A - KN-DC [mailto:caball@bpa.gov]
Sent: Tuesday, March 27, 2001 2:03 PM
To: Anderson, Margot; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'; 'Stier, Jeffrey K - KN-DC'
Subject: RE: BPA DSI information

Crystal,

Sorry to keep bugging you. What do you know about the Georgia Pacific paper mill laying off workers and shutting down operations due to high energy prices. Can you confirm?

Thank.

Margot

--- Original Message ---
From: Ball, Crystal A - KN-DC [mailto:caball@bpa.gov]
Sent: Tuesday, March 27, 2001 11:19 AM
To: Anderson, Margot; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'; 'Stier, Jeffrey K - KN-DC'

15996

DOE017-0624

Obtained and made public by the Natural Resources Defense Council, March/April 2002
Subject: RE: BPA DSI information

Yes, the shut downs are attributable to extreme electricity prices. And yes, the companies that remarkeled power made a profit.

Crystal

--- Original Message ---
From: Anderson, Margot [mailto:Margot.Anderson@hq.doe.gov]
Sent: Tuesday, March 27, 2001 11:08 AM
To: 'Ball, Crystal A - KN-DC'; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'; 'Stier, Jeffrey K - KN-DC'
Subject: RE: BPA DSI information

Crystal,

Please tell Jeff all his e-mail is still bouncing back. I called him. He sent me mail but even my reply to his just sent e-mail

--- Original Message ---
From: Ball, Crystal A - KN-DC [mailto:caball@bpa.gov]
Sent: Monday, March 26, 2001 9:56 AM
To: Anderson, Margot; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'; 'Stier, Jeffrey K - KN-DC'
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Sent: Friday, March 23, 2001 5:54 PM
To: 'Stier, Jeffrey K - KN-DC'; 'Ball, Crystal A - KN-DC'; Carrier, Paul
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To: Anderson, Margot; 'Ball, Crystal A - KN-DC'; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'
Subject: RE: BPA DSI information

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Sent: Friday, March 23, 2001 12:46 PM
To: 'Ball, Crystal A - KN-DC'; Carrier, Paul
Cc: 'Stier, Jeffrey K - KN-DC'; 'Seifert, Roger - KN-DC'
Subject: RE: BPA DSI information

Crystal,

Margot

---Original Message---
From: Ball, Crystal A - KN-DC [mailto:caball@bpa.gov]
Sent: Friday, March 23, 2001 12:35 PM
To: Anderson, Margot; Carrier, Paul
Cc: Stier, Jeffrey K - KN-DC; Seifert, Roger - KN-DC
Subject: RE: BPA DSI information
Importance: High

> <<DSI paul info.doc>> <<McCook pr final.doc>>

15998

Obtained and made public by the Natural Resources Defense Council, March/April 2002
To: Darrell Beschen/EE/DOE@DOE
cc: Joel Rubin/EE/DOE@DOE

Subject: elec forecast

hi d and j

Tom