

615
Williams, Ronald L

B - 5

From: Conti, John
Sent: Thursday, March 29, 2001 3:14 PM
To: Anderson, Margot
Subject: RE: More NEP assignments

Margot,

As we discussed in staff on Monday, I will be in Chicago tomorrow. I think:

We also need to talk about what needs to get done and the current version of the "policies" to work from. Please call me ASAP.

—Original Message—

From: Anderson, Margot
Sent: Thursday, March 29, 2001 1:46 PM
To: Breed, William; Conti, John; Kripowicz, Robert; Braitsch, Jay; Haspel, Abe; Zimmerman, MaryBeth; 'caball@bpa.gov'; Friedrichs, Mark; Carrier, Paul; Moses, David; Vernet, Jean; Baer, Mitchell
Cc: Kolevar, Kevin; Kelliher, Joseph
Subject: More NEP assignments

All,

Principals meeting groups (Friday, noon deadline):

If this is unclear, give me a call.

Margot

"Anderson, Margot" <Margot.Anderson@hq.doe.gov>
03/29/2001 02:04 PM

13 - 5

To: Jeremy Symons/DC/USEPA/US@EPA
cc: Lynda Wynn/DC/USEPA/US@EPA
Subject: RE: URGENT: 1-pagers for NEPD
Working on it. Not sure who. I thought the broader issue was Safe Drinking Water. Do you have someone in mind?

—Original Message—

From: Symons.Jeremy@epamail.epa.gov%internet
[mailto:Symons.Jeremy@epamail.epa.gov]
Sent: Thursday, March 29, 2001 1:54 PM
To: Anderson, Margot
Cc: Wynn.Lynda@epamail.epa.gov%internet
Subject: URGENT: 1-pagers for NEPD

Margot,

Jeremy Symons
EPA, Office of Air and Radiation
(202) 564-9301
Fax: (202) 501-0394

<< File: tmp.htm >>



tmp.htm

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B - 5

Williams, Ronald L

From: Breed, William
Sent: Thursday, March 29, 2001 3:56 PM
To: Anderson, Margot
Subject: RE: chapter 10 (international)

Comments on NEP Chap 10 - International

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

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

From: Anderson, Margot
Sent: Thursday, March 29, 2001 10:20 AM
To: Conti, John; Haspel, Abe; Zimmerman, MaryBeth; Lockwood, Andrea; Breed, William; KYDES, ANDY; Whatley, Michael; Carter, Douglas; Braitsch, Jay; Melchert, Elena; Cook, Trevor; Breed, William; 'jkstier@bpa.gov'; York, Michael; Freitas, Christopher; Friedrichs, Mark; Pumphrey, David; Kolevar, Kevin
Cc: Kelliher, Joseph
Subject: chapter 10 (internabonal)

1

15508

DOE017-0136

All,

12 - 5

Margot

<< File: 03_29_01_NEPG Study_R4.doc >>

2

15509

DOE017-0137

317

(b)5

Williams, Ronald L

From: Michael York
Sent: Friday, March 23, 2001 3:24 PM
To: Anderson, Margot
Cc: Zimmerman, MaryBeth
Subject: What States are doing on energy efficiency



State Energy Efficiency
Progra...

Margot, here's the second request ..

Williams, Ronald L

From: Symons.Jeremy@epamail.epa.gov%internet [Symons.Jeremy@epamail.epa.gov]
Sent: Monday, March 26, 2001 11:16 AM
To: Anderson, Margot
Subject: Energy star box



tmp.htm



energystarbox.wpd

Here it is... sorry for the delay. We can send you an electronic file with the label if you don't have it readily available.

Jeremy Symons
EPA, Office of Air and Radiation
(202) 564-9301
Fax: (202) 501-0394

321

Here it is... sorry for the delay. We can send you an electronic file with the label if you don't have it readily available.

Jeremy Symons
EPA, Office of Air and Radiation
(202) 564-9301
Fax: (202) 501-0394

file://C:\WINDOWS\TEMP\tmp.htm

87
15514

DOE017-0142

323

b (5)

Michael McCabe

04/26/2001 02:48:32 PM

To: Michael York/EE/DOE@DOE
 cc: Robert Kripowicz@HQMAIL@HQDOE, MaryBeth Zimmerman/EE/DOE@DOE, Mark Ginsberg/EE/DOE@DOE, Robert Dixon/EE/DOE@DOE, Tom Gross/EE/DOE@DOE, Denise Swink/EE/DOE@DOE, Elizabeth Shearer/EE/DOE@DOE, Barbara Sisson/EE/DOE@DOE, Richard Moorer/EE/DOE@DOE, William Parks/EE/DOE@DOE, Robert Brewer/EE/DOE@DOE, Joan Glickman/EE/DOE@DOE, Abe Haspel/EE/DOE@DOE, Darrell Beschen/EE/DOE@DOE

Subject: Secretary meeting with American Gas Association

Mike, as I mentioned, the Secretary is meeting with AGA next Friday, May 4. Doug Faulkner has requested we put together a briefing package for the meeting.

Michael

Forwarded by Michael McCabe/EE/DOE on 04/26/2001 02:34 PM
 Doug Faulkner@HQMAIL on 04/26/2001 12:38:52 PM



To: Michael McCabe/EE/DOE@DOE@HQMAIL
 cc:

Subject: secy mtg with rick shelby american gas assoc on may 4th: need backgrounder
 also attending are gary neale, CEO, N1Source; dave parker, CEO, american gas assoc

15516

DOE017-0144

324

Williams, Ronald L

From: KYDES, ANDY
Sent: Monday, March 26, 2001 3:53 PM
To: Anderson, Margot
Cc: Maples, John
Subject: FW: March 25 version of Chapter 6



CH6EFF-1.PPT



LIGHTV-1.PPT

Margot:

Is this something like what you want (Light duty vehicle efficiency)? The graph may be more presentable if shown as groups of 3 bar graphs for years 1980, 1985, 1990, 1995, latest year.

John Maples: Lets see if that is what Margot wants before we do it.

Andy

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

From: Maples, John
Sent: Monday, March 26, 2001 12:01 PM
To: Kydes, Andy
Subject: RE: March 25 version of Chapter 6

Andy,

The attached file is original PowerPoint slides plus the new slide showing new vehicle mpg for both cars and light trucks and the stock average fuel efficiency for all light duty vehicles.

John

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

From: Kydes, Andy
Sent: Monday, March 26, 2001 11:29 AM
To: Maples, John
Subject: RE: March 25 version of Chapter 6

John,

15517

DOE017-0145

1035

(b)5

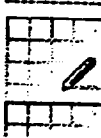
DARRELL BESCHEN

02/14/2001 04:31 PM

To: Joel Rubin
cc:

Subject: Re: FW: NEP Draft outline

Forwarded by Darrell Beschen/EE/DOE on 02/14/2001 04:31 PM



Peggy Podolak
02/14/2001 03:40 PM

To: Darrell Beschen/EE/DOE@DOE
cc:

Subject: Re: FW: NEP Draft outline

<http://wasimuruvvat.com/wp-dyn/articles/A33072-2000Dec20.html>

DARRELL BESCHEN

DARRELL BESCHEN

02/14/2001 03:04 PM

To: Kenneth Friedman/EE/DOE@DOE, Peggy Podolak/EE/DOE@DOE, Linda Silverman/EE/DOE@DOE, Ed Wall/EE/DOE@DOE, David Rodgers/EE/DOE@DOE, Jerry Dion/EE/DOE@DOE, Gail McKinley/EE/DOE@DOE, Lawrence Mansueti/EE/DOE@DOE, John Sullivan/EE/DOE@DOE, Michael York/EE/DOE@DOE, Buddy Garland/EE/DOE@DOE, Nancy Jeffery/EE/DOE@DOE, Joel Rubin/EE/DOE@DOE, Sam Baldwin/EE/DOE@DOE, #EE-ADAS
cc:

Subject: Re: FW: NEP Draft outline

Mary beth sent you the directions on the nep assessment paper this morning, this is the follow-up. I have been asked to act as the principal point of contact.

15518

DOE017-0146

15519

DOE017-0147

3ak

(b)5

DARRELL BESCHEN

02/14/2001 03:43 PM

To: Joel Rubin, "Nicholls, Andrew K" <ak.nicholls@pnl.gov>
cc:


Subject: Re: FW: NEP Draft outline

----- Forwarded by Darrell Bescherv/EE/DOE on 02/14/2001 03:43 PM -----

DARRELL BESCHEN

02/14/2001 03:04 PM

To: Kenneth Friedman/EE/DOE@DOE, Peggy Podolak/EE/DOE@DOE, Linda Silverman/EE/DOE@DOE, Ed Wall/EE/DOE@DOE, David Rodgers/EE/DOE@DOE, Jerry Dion/EE/DOE@DOE, Gail McKinley/EE/DOE@DOE, Lawrence Mansueti/EE/DOE@DOE, John Sullivan/EE/DOE@DOE, Michael York/EE/DOE@DOE, Buddy Garland/EE/DOE@DOE, Nancy Jeffery/EE/DOE@DOE, Joel Rubin/EE/DOE@DOE, Sam Baldwin/EE/DOE@DOE, #EE-ADAS
cc:

Subject: Re: FW: NEP Draft outline 

Mary beth sent you the directions on the nep assessment paper this morning, this is the follow-up. I have been asked to act as the principal point of contact.

15520

DOE017-0148

15521

DOE017-0149

327

(b) 5-

DARRELL BESCHIEN

02/14/2001 03:04 PM

To: Kenneth Friedman/EE/DOE@DOE, Peggy Podolak/EE/DOE@DOE, Linda Silverman/EE/DOE@DOE, Ed Wall/EE/DOE@DOE, David Rodgers/EE/DOE@DOE, Jerry Dion/EE/DOE@DOE, Gail McKinley/EE/DOE@DOE, Lawrence Mansueti/EE/DOE@DOE, John Sullivan/EE/DOE@DOE, Michael York/EE/DOE@DOE, Buddy Garland/EE/DOE@DOE, Nancy Jeffery/EE/DOE@DOE, Joel Rubin/EE/DOE@DOE, Sam Baldwin/EE/DOE@DOE, #EE-ADAS

cc:

Subject: Re: FW: NEP Draft outline 

Mary beth sent you the directions on the nep assessment paper this morning, this is the follow-up. I have been asked to act as the principal point of contact.

15522

DOE017-0150

15523

DOE017-0151

320

(b) (5)

Williams, Ronald L

From: Breed, William
Sent: Monday, March 26, 2001 1:29 PM
To: Anderson, Margot
Subject: quick comments on list of policies

Margot: here are some notes!
-- Bill

15525

DOE017-0153

329

(b) 5 - AS MARKED
AND WITHHOLD!
ATTACHED
DRAFTS



MaryBeth Zimmerman

02/14/2001 11:08 AM

To: Kenneth Friedman/EE/DOE@DOE, Peggy Podolak/EE/DOE@DOE, Linda Silverman/EE/DOE@DOE, Ed Wall/EE/DOE@DOE, David Rodgers/EE/DOE@DOE, Jerry Dion/EE/DOE@DOE, Gail McKinley/EE/DOE@DOE, Lawrence Mansueti/EE/DOE@DOE

cc: John Sullivan/EE/DOE@DOE, Darrell Beschen/EE/DOE@DOE, Michael York/EE/DOE@DOE, Buddy Garland/EE/DOE@DOE, Nancy Jeffery/EE/DOE@DOE, Joel Rubin/EE/DOE@DOE, Sam Baldwin/EE/DOE@DOE, #EE-ADAS

Subject: FW: NEP Draft outline

Directions on NEP Assessment paper. Please read all of this very carefully before proceeding:

Product

Schedule:

- Inputs due from sectors to Planning: COB on Thursday (sorry)
- Due from EERE to Policy Office: noon on Friday
- Due to Vice President's Office: COB next Tuesday
- Comments back to DOE: next Wednesday
- Final edits on DOE chapters due to VP task force: next Thursday.

Please have someone standing by on Tuesday next week to answer questions; on Thursday next week to help with final edits.

EERE Tasks:

EE.3/EE.1 Leads:

- Chapter 2. Lead author: Joel Rubin (if OK with Nancy) Lead fact coordinator: Darrell Beschen
- Chapter 4. Lead author: Mary Beth Beschen Lead coordinator: Darrell
- Chapter 5. Lead author: Sam Baldwin Lead coordinator: Mike York
- Chapter 1 inputs: Mary Beth
- Chapter 6 inputs: Mike York
- Chapter 7 inputs: Mike York

These leads will be contacting you individually as needed to address each section.

15526

DOE017-0154

Format/Logistics

Each chapter is to be 5 pages long.

Each chapter should have graphics, pictures (does not count against the 5 pages)

Documents should be in MS Word; 12 point type; Times New Roman; no formatting (no bullets, outlines, bolding, italics, etc.)

Post your information to the P drive at:

----- Forwarded by MaryBeth Zimmerman/EE/DOE on 02/14/2001 10:34 AM -----



MaryBeth Zimmerman

02/13/2001 05:27 PM

To: Kenneth Friedman/EE/DOE@DOE, Peggy Podolak/EE/DOE@DOE, Linda Silverman/EE/DOE@DOE, Ed Wall/EE/DOE@DOE, David Rodgers/EE/DOE@DOE, Jerry Dion/EE/DOE@DOE, Gail McKinley/EE/DOE@DOE
cc: John Sullivan/EE/DOE@DOE, Darrell Beschen/EE/DOE@DOE, Michael York/EE/DOE@DOE, Buddy Garland/EE/DOE@DOE

Subject: FW: NEP Draft outline

Attached is a combined draft outline for the NEP Assessment Report. I believe this is the version that served as the basis for today's discussions. We are expecting further guidance later tonight, or first thing tomorrow morning.

15527

DOE017-0155


Draft outline.d

15528

DOE017-0156

331

b-5.

Williams, Ronald L

From: Ball, Crystal A - KN-DC [caball@bpa.gov]
Sent: Monday, March 26, 2001 1:47 PM
To: Anderson, Margot; Carrier, Paul
Cc: 'Seifert, Roger - KN-DC'; 'Stier, Jeffrey K - KN-DC'
Subject: RE: BPA DSI information

My earlier message wasn't crystal clear. Let me try again...

Crystal

—Original Message—

From: Ball, Crystal A - KN-DC
Sent: Monday, March 26, 2001 9:51 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: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

15555

DOE017-0183

33

(b)5



MaryBeth Zimmerman

02/13/2001 02:30 PM

To: Kenneth Friedman/EE/DOE@DOE, Peggy Podolak/EE/DOE@DOE, Linda Silverman/EE/DOE@DOE, Ed Wall/EE/DOE@DOE, David Rodgers/EE/DOE@DOE, Jerry Dion/EE/DOE@DOE, Gail McKinley/EE/DOE@DOE

cc: Darrell Beschen/EE/DOE@DOE, Michael York/EE/DOE@DOE, Tom Kimbis/EE/DOE@DOE, Nancy Jeffery/EE/DOE@DOE, Joel Rubin/EE/DOE@DOE, Buddy Garland/EE/DOE@DOE, John Sullivan/EE/DOE@DOE

Subject: Heads up on NEP

Thanks for all your help in yesterday's mad rush. We are still expecting to have to produce the final document by Feb. 23.

The VP Task Force is meeting at 3:00 today to review the outlines submitted yesterday. We expect to get next marching orders by 4:00 today.

Please note the availability of the P drive directory for the NEP at:

P://Analysis/Calls/External Requests/NEP2001

Under this directory you will find a file with "key documents" (various guidances as we receive them; I'm still loading these) and a file for "assessment chapter outlines" (that has the two final outlines from yesterday). The "old stuff" folder, of course, has old drafts in case we wish to recover your initial inputs or previous versions.

As we work on this project, we will refer you to these directories as needed. Feel free to post your submissions to the P drive. For edits, we'll try to maintain the discipline of red-line/strikeouts to keep to a minimum the confusion over competing drafts and who's filing what changes. However, in the interest of product control, please don't edit documents without a heads-up to the planning office.

15556

DOE017-0184

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>>

2

15557

DOE017-0185

357
35

Williams, Ronald L

From: Poche, Michelle [Michelle.Poche@ost.dot.gov]
Sent: Monday, March 26, 2001 2:42 PM
To: Anderson, Margot
Subject: FW: Transmission Map



Transfer Capability Map
Summer...



NERC Map.ppt



NERC CA Map.pdf

Margot,

—Michelle

—Original Message—

From: Dave Nevius [mailto:dave.nevius@nerc.com]
Sent: Monday, March 26, 2001 2:11 PM
To: Poche, Michelle <OST>
Cc: Istuntz@sdsatty.com; dcook@nerc.com; mike.gent@nerc.com;
Joseph.Kelliher@hq.doe.gov
Subject: Transmission Map

Michelle

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.

1

15670

DOE017-0298

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.