To: Snyder, Erik[snyder.erik@epa.gov]
From: David J Long
Sent: Tue 2/21/2017 8:14:58 PM
Subject: RE: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

No problem. Thanks for your help in getting the files a quickly as you have.

Dave

David J. Long, PE

Environmental Engineer - Principal

Air Quality Services Section

American Electric Power

1 Riverside Plaza

Columbus, OH 43215

Phone - 614-716-1245

Audinet - 200-1245

Fax - 614-716-2255

From: Snyder, Erik [mailto:snyder.erik@epa.gov]
Sent: Tuesday, February 21, 2017 3:01 PM
To: David J Long
Cc: Ashley N Roundtree
Subject: [EXTERNAL] RE: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

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Tomorrow should work. Things were still syncing when I checked about 20 minutes ago. As far as the extension I know we discussed and there may be something later this week but can't say

for sure right now. I'll keep you posted.

-Erik

Erik Snyder

Lead Regional Air Quality Modeler
EPA Region 6
Phone: 214-665-7305
Fax: 214-665-7263
email: snyder.erik@epa.gov

From: David J Long [mailto:djlong@aep.com]
Sent: Tuesday, February 21, 2017 12:53 PM
To: Snyder, Erik <snyder.erik@epa.gov>
Cc: Ashley N Roundtree <anullstrom@aep.com>
Subject: RE: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

Erik,

If it would help, Ashley could pick them up tomorrow morning. She is out of the office today. You can reach her at 214-777-1282 to let her know when they are ready. If you can't reach her, let me know and I can try to track her down.

One other question on the subject of Texas Regional Haze BART. Do you know if the extension request that has been requested by several parties is likely to be granted. I'm just trying to plan our work for the next couple of weeks (crash project vs a more "leisurely" pace – if looking over 15 TB of data can have a "leisurely" pace).

Thanks for your assistance on this.

Dave

David J. Long, PE

Environmental Engineer - Principal

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From: Snyder, Erik [mailto:snyder.erik@epa.gov]
Sent: Tuesday, February 21, 2017 1:34 PM
To: David J Long
Cc: Ashley N Roundtree
Subject: [EXTERNAL] RE: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

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Hi Dave,

The CALPUFF drive is ready as 2 of the 3 CAMx Drives. The last CAMx drive may finish by 2 today. Hard to tell as I had to restart the rest of the copy on another machine this morning. If it is done before I leave is the plan for Ashley to pick up or should I work on shipping to OH? I work until 3 today. If Ashley is picking up, I don't have a phone contact to coordinate with her. If shipping we have typically requested a shipping label or account to bill as overnight delivery approval on our part get's scrutinized and might take longer to get out.

Thanks,

-Erik

Erik Snyder

Lead Regional Air Quality Modeler
EPA Region 6
Phone: 214-665-7305
Fax: 214-665-7263
email: snyder.erik@epa.gov

From: David J Long [mailto:djlong@aep.com]
Sent: Tuesday, February 21, 2017 7:58 AM
To: Snyder, Erik <snyder.erik@epa.gov>
Cc: Ashley N Roundtree <anullstrom@aep.com>
Subject: RE: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

Erik,

Great. Let me check with Ashley and see if she can come over and pick them up when they are ready. Otherwise, we can work out the shipping to get them back up here.

Dave

David J. Long, PE

Environmental Engineer - Principal

Air Quality Services Section

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From: Snyder, Erik [mailto:snyder.erik@epa.gov]
Sent: Tuesday, February 21, 2017 8:45 AM
To: David J Long; Ashley N Roundtree
Cc: Feldman, Michael
Subject: [EXTERNAL] RE: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

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Hi David,

We did receive the drives on Friday. They were copying over the long weekend and are close to being done. They may be ready this afternoon, but I will want to run some checks first.

-Erik

Erik Snyder

Lead Regional Air Quality Modeler
EPA Region 6
Phone: 214-665-7305
Fax: 214-665-7263
email: snyder.erik@epa.gov

From: David J Long [mailto:djlong@aep.com]

Sent: Friday, February 17, 2017 6:42 AM
To: Snyder, Erik <snyder.erik@epa.gov>; Ashley N Roundtree <anullstrom@aep.com>
Cc: Feldman, Michael <Feldman.Michael@epa.gov>
Subject: RE: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

Erik,

Somebody in our mailroom screwed up big time. It wasn't cut loose to UPS until after I went down and complained yesterday (the UPS tracker shows it was entered into their system at 4:28 PM EST yesterday and picked up early last evening). Our admin was told it would definitely go out on Wednesday for delivery yesterday when she took it down on Wednesday afternoon.

According to the UPS web site this morning the package arrived in Dallas at 5:28 AM this morning and is scheduled for delivery to your mailroom by 10:30 AM. Please let me know when you receive them.

Thanks,

Dave

David J. Long, PE

Environmental Engineer - Principal

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From: Snyder, Erik [mailto:snyder.erik@epa.gov]
Sent: Thursday, February 16, 2017 4:11 PM
To: David J Long; Ashley N Roundtree
Cc: Feldman, Michael
Subject: [EXTERNAL] RE: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

This is an EXTERNAL email. STOP. THINK before you CLICK links or OPEN attachments.

Hi Dave,

Do you have a tracking number? We haven't received anything today and we already received most of our daily deliveries.

Thanks,

Erik

Erik Snyder

Lead Regional Air Quality Modeler
EPA Region 6
Phone: 214-665-7305
Fax: 214-665-7263
email: snyder.erik@epa.gov

From: David J Long [mailto:djlong@aep.com]
Sent: Wednesday, February 15, 2017 12:41 PM
To: Snyder, Erik <snyder.erik@epa.gov>
Cc: Ashley N Roundtree <anullstrom@aep.com>; Feldman, Michael <Feldman.Michael@epa.gov>

Subject: RE: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

Erik,

We will be shipping three 5TB Drives and one 2 TB Drive out to you this afternoon via overnight. The 5 TB Drives will still be in shrink wrap. You should get them tomorrow. If it would help once the drives are loaded, Ashley or one of her colleagues in the Dallas Office could pick them up. Our Dallas Office is a couple of blocks from your offices.

I didn't obtain the CALMET files used in the PSO Proceeding. With a couple of exceptions that was handled without much input from the technical staff here, so it was never necessary for me to obtain the CALPUFF/CALMET files. Therefore, we will need the full set of files for the CALPUFF/CALMET work. There is a 2 TB drive included for that purpose.

If you have any questions, please let me know.

Dave

David J. Long, PE

Environmental Engineer - Principal

Air Quality Services Section

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From: Snyder, Erik [mailto:snyder.erik@epa.gov]
Sent: Tuesday, February 14, 2017 3:51 PM
To: David J Long
Cc: Ashley N Roundtree; Feldman, Michael
Subject: [EXTERNAL] RE: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

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H David,

The CAMx files are 12 TB spread out over three disks. If you could provide three 4 TB or larger drives for the CAMx files, that would make for the easiest copying. We will need to format the drives to EXT3/4 for the CAMx files (Linux based files). The CALPUFF files will fit on a 2 TB drive NTFS/FAT32 drive. We used the same CALMET files that were originally developed for refined modeling in Oklahoma that allows for the use of the 98th percentile. If you received the files when we did the BART FIP for AEP/PSO, it would be the same CALMET files. They are approximately 1 TB of the files that would be on a 2 TB drive. Many people just order the drives online and have them directly shipped to us but if you have the drives we can reformat them here or you can format and then send.

There are numerous excel files, etc. that have the emissions used in the modeling and post-processing of the CAMx and CALPUFF modeling results that are available in the docket. If you don't already have these let me know and I can send you a link to the docket.

You can ship the drives to:

EPA Region 6

MC: 6MM-AA Attn. Erik Snyder

1445 Ross Ave.

Suite 1200

Dallas, TX 75202

-Erik

Erik Snyder

Lead Regional Air Quality Modeler
EPA Region 6
Phone: 214-665-7305
Fax: 214-665-7263
email: snyder.erik@epa.gov

From: David J Long [mailto:djlong@aep.com]
Sent: Tuesday, February 14, 2017 2:25 PM
To: Snyder, Erik <snyder.erik@epa.gov>
Cc: Ashley N Roundtree <anullstrom@aep.com>
Subject: CALPUFF and CAMx Fiels for Texas Regional Haze BART Modeling

Mr. Snyder,

It has been a while since we were last in touch. Ashley and I have been asked to look at the TSD for the Texas Regional Haze BART Modeling and after reviewing it, have a number of questions about specifics on how various simulations were done. I feel the easiest way to try and answer the questions is to look at the modeling files themselves. I do have some familiarity with the original CENRAP CALPUFF Files (I have them on a hard disk here in our office), but from the TSD it is not clear if the files were updated with a newer version of CALMET before they were used this time. Also, the techniques used with CAMx to parse out the individual source impacts are not well described. These issues and other questions can probably be answered by looking at the input and output files.

As a result, I would like to request both the CAMx and CALPUFF files supporting the results presented in the TSD. Please let me know how much Hard Drive Space will be needed to obtain these files and where I should send the Hard Drives to have them loaded with the information. I believe that we have sufficient drives in house that can be freed up for this purpose, so we can

have them out to you in a day or so from receipt of your response.

I look forward to working with you to obtain this information.

Thanks,

David J. Long, PE

Environmental Engineer - Principal

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