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Commission Meeting Room

Federal Energy Regulatory

Commission

888 First Street, NE

Washington, DC

Wednesday, January 22, 2014

10:06 a.m.

BEFORE: DEEPAK RAMLATCHAN

Reported by:

DONALD R. THACKER

APPEARANCES:

DEEPAK RAMLATCHAN, Chair

ASTRID RAPP

CAROL WHITE

ROXANA ROYSTER

ANTHONY BARRACCHINI

FEMI ANDEROUNMU

NIMA EBRAHIMNEJAD

RYAN STERTZ

P R O C E E D I N G S

CHAIRMAN RAMLATCHAN: Thank you for attending. Those of you in the building, thanks for braving the elements this morning, those following along on the webcast, welcome.

We are here this morning for a technical conference on the revisions to the Electric Quarterly Report filing process. As noted, Commission staff will demonstrate the new EQR filing system announced in Order 770.

So, welcome again. My name is Deepak Ramlatchan, I'm with the Division of Energy Market Oversight, EOE, we are the group that actually administers EQR, and I will also note that we are users of that data.

Before we get started with the presentation this morning we want to touch on a few housekeeping items, especially for those of you in the building this morning. We are of course in the Commission meeting room, that means no food or drink at the meeting, except for water. I can tell we are taking that seriously because we here at the table, no one has coffee, I know some of us would very much like some.

Restrooms are located on either side of us on the outside of the room, they are behind the elevator banks, and we do have a ten-minute break scheduled about midway through the agenda, and we'll play that by ear, depending on whether or not we take that a little earlier or later.

Electronic devices at the table, I would ask that we turn all cell phones off. Most of us have laptops and I'm hoping those won't interfere, but we'll adjust if necessary.

So with that I would like to go around the table and have staff introduce themselves, we'll start over here.

MS. WHITE: I'm Carol White from the Office of Enforcement.

MR. REICH: Steve Reich of the Office of Enforcement.

MS. RAPP: Astrid Rapp, Office of Enforcement.

MS. ROYSTER: Roxana Royster, Office of Enforcement.

MR. BARRACCHINI: Tony Barracchini, CIO, System Engineering.

MR. ANDEROUNMU: Femi Anderounmu, System Engineering.

MR. EBRAHIMNEJAD: Nima Ebrahimnejad, System Engineering.

MR. STERTZ: Ryan Stertz, Office of Enforcement.

CHAIRMAN RAMLATCHAN: Thanks, folks. You laid this out nicely, because the last two individuals to introduce themselves are liking to be taking us through most of the presentation this morning, that's Nima and Ryan. Before we get into the presentation, though, I do want to touch on a few items just to give us some context for why we are here.

I also want to note that the views and opinions you hear this morning are those of staff, and don't necessarily reflect that of the Commission or the opinion of any individual Commissioner.

So we'll go to the presentation, please. So as many of you are aware, the requirement for the EQR system is driven by the Section 205(c) of the FPA that have rates and charges on file and have them available for public inspection.

Order 2001 further states that the filings must be in conformance with Commission guidance.

So the legacy system, Visual Fox Pro, is a system that has limitations and support issues, and those issues will only get worse as time goes on. So as EQR itself is getting larger and we are looking to do things like add new data fields and add new product types, it's really critical that we have a system in place that can address those types of issues, and the system that the web interface that we are working on will address those issues.

So in addition to allowing for manual entry and for CSV upload, the new system will also allow the Commission via extensible mark-up language, or XML.

So in a nutshell, all the filings that are Q3 2013 and later must be done via the new interface, and anything prior to that point has to be done using Visual Fox Pro. The only filing or refiling of quarters prior to Q3 2013, you have to use Visual Fox Pro.

So now we'll focus a bit on the new system, and that system does validate data before any type of acceptance determination is made.

So we will go into more detail on this later on during the actual demonstration, but I do to want to note, basically for CSV submissions, validation is done in two steps. So as you are trying to upload a CSV file there is a series of what we call validation or pre-validation checks. Then once you are actually trying to submit that file, there is a more extensive series of data validations that occur.

So I mention this to note that when you are attempting to simply upload a file there is basic data structure and formatting that the system is looking for, for you to be able to successfully upload. So basically the system is assuming the base level of correctness, even before it gives you the opportunity to test or submit a file.

So if you are submitting a CSV for the first time, you know, some time investment up front with the Users Guide which is posted on our website is going to pay off for you time and time again, because again, at that point the system is assuming that you have some basics already in place before you file.

So third validation, the system will alert the user as to any potential errors or errors that are in the file via errors in warning messages. So an error is something that must be corrected and the file resubmitted before an acceptance determination is made.

A warning, on the other hand, will just alert the user to double check something or bring something to the user's attention, but will not prevent acceptance.

So I will discuss the next two bullet items, test only and intra-quarter testing, together. Basically you will have the opportunity to test your data before submitting it, so you get to go through the entire validation gamut before you actually have to submit your data, and that allows you to detect any errors and correct anything up front.

Importantly, you can do this during the actual filing quarters. So before the filing month arrives, as you are getting data and you are collecting it and you have it in your file, you can actually validate that data. And you can validate that data, you can upload it, you can then you download that validated data, and append to it as more data comes in during the quarter.

So, conceivably by the time the filing month arrives you can have a file of, you can basically have your entire quarter's worth of data already validated and ready to go via or by the first of the month.

So understanding, you know, in the practical world it doesn't really work like that, so by the first of the filing month you may not have everything in, but that being said, you know, you will have the opportunity to test and validate much of your data before the filing month even rolls around.

So the next item I have is file size processing, and that's really an acknowledgment to those of you who have been in the sandbox and been testing already, we have noted that some issues with some larger-type CSV files where there is a problem uploading or saving to the database, and that results in some type of connectivity issue, we want you to know we have been working really hard on that issue, we think, we are sure we have a solution, we do want to kick it around a little bit internally before rolling it out, but we are really at the very last stages of testing it, and pending a release there is a fix to that issue. So hopefully that one will be behind us very soon, but we do thank those of you that have been in the sandbox and have been working with us on this issue thus far.

The last thing I will touch on, again, is on the sandbox. The sandbox has been up for quite some time. We anticipate, again, not speaking for the Commission, but we anticipate that the sandbox will be up for most of February. So if you have been testing and then using the sandbox, please continue to do so, and if you haven't yet, please take advantage of it and get in there and start trying to upload your files and then testing your data.

We've also put together a lot of good information for you that is available on our web site, FAQs, an explanation of the validation rules, I already mentioned the User Guide, all that stuff I think is very helpful and will help guide you through this process.

It will also be helpful for you to look at that information before, you know, just going directly and trying to contact staff. We are happy to help, we are here for you, and we want to all get through this, you know, but we are built with limited staff and there are a lot of filers, so the more education you can get up front and view the material we have posted, I think the better all us will be.

So looking at today's agenda, basically we will show you how to maneuver through the User Interface, we'll go through the test and submission processes, and we'll look at the notifications that occur during the processes, and for questions, for those of you following along remotely we ask that you submit your questions as they occur to you throughout the presentation through eqr@ferc.gov.

We will hold a question and answer period at the end of the presentation when those of you that are joining us in attendance in the building, you will also get to ask your questions. We ask when you ask your questions that you do state your name and who you represent, and also send that information along in your e-mails for the webcast folks, in case it's not really apparent to us.

So with that I will turn it over now to the meaningful part of the presentation, and have a great demonstration for you; Nima and Ryan.

MR. STERTZ: Thank you, Deepak. So we are going to start with the very basics of just logging-in to the portal or logging-in to the system. So here we are going to go through the basic system functions that are available and begin logging-in and showing the basic portal.

As a quick note, in order to access this system the user must be eRegistered and delegated by a registered seller company. We are assuming that the person has already been eRegistered in the system in order to go through all the functionalities of the software.

I'm going to flip over to the EQR portion of our website, and here we have the log-in to the EQR system button and other parts of the website which I will go over and a little bit later in the presentation.

Nima, do you want to touch on the sandbox?

MR. EBRAHIMNEJAD: The EQR sandbox or the sandbox home page, is the site that Deepak had spoken about earlier. Obviously, the first few links up top, on the top left is your log-in information, your registration information, company registration links that allows you to establish those prerequisites.

FERC online account information, that is required in order for you to make those connections. The links that are below that, the first one is the one that opens up on web client, which is your submission client software. We also have a release notes link directly below that, that we keep up in concert with the release of them, so you will see all the enhancements that have been made with the most recent enhancements list up top.

Direct, the following link, the direct X amounts initially, that is a very basic page where we constructed that allows users the ability to upload X amount of their files for submission. And then that page you will see that it features a lot of people to submit for actual filing or test filing.

Then the link below that is the test X amount of submission down load, that link provides you the ability to down load X amount of files in which they had previously submitted to the Commission; okay?

And then the link below that is the testing instruction, and that's a very generic guide which we put in place that explains the use of the EQR standby home page, and followed by the very detailed user guide that we have for the web interface and also the X amount information. I believe we are on EQR Drive Version 2 that was posted a week or so ago.

And then the last link on the list here is EQR reports which is a pretty robust interface that allows users the authority to download data for submission.

And then I should say one more thing, you should pay attention to, if you haven't learned by now, the last modified date on the bottom of the page is a really handy little tool that allows people to keep up with the enhancements which have been filed.

MS. RAPP: If I could, so that the people on the webcast --

MR. STERTZ: Thank you, Nima. And we are going to go through each of those links individually and show you the details and the functionality of all of them. But for now we are going to go through the EQR submission client software and show you a couple of examples of logging-in, so once we click on the EQR submission client software we are asked to log-in to the system, eRegistration account, and then we are shown the main portal into the EQR submission port.

So here we have the filing period in the top left, and for those on the webcast, I know it can be a little fuzzy online, so I'm going to try to zoom in.

So here we have the filing period on the top left, right now it's designated for the Q4 2013, as the filing quarter that we're currently in, and then underneath that we have the seller name for which we are designated able to file just a couple of sample company's names.

To the right of that we have the last action date, which I'll go to in just a minute. Then we have the status with the current filing, and the available actions, which we will go to momentarily, the filers to be up, and then the ability to delete our temporary data.

So here on the actions we have several available actions for you, and we are going to go through a couple of them in just one second. So the available actions are no action, CSV new, CSV replace, manual new, manual edit and then the pre-sell function.

Today we're going to go through the examples of a new CSV and the prefill for prior file period. From there you could either manual edit it, or you do a CSV replace after submitting it, you can overwrite the data or if you want to do a manual new, you could manual new enter in all the data you would like to interface and submit that way.

So here we'll start with CSV new, any actions, and, for example, Power Corporation. So once I click the CSV new action I go down here to the availability for browsing for the file, and everything in here I have need to file in place, and the instructions on how to simple file are available on our Users Guide in Appendix A, I believe.

So the find the zip file that I'd like to upload -- actually first, I forgot a step. First I need to designate the filing period, and our file is for Q3 2013, so I click on the link available, I find Q3 2013, and because I have already submitted a file for the last action date, I click on the last action date, and this shows me who did what for the last filing.

So here it has the file date of earlier this morning, 8:02 a.m., the filer, and then now I' going to go to the CSV new. So again, click the CSV new action, scroll over, go down to the browse for the file, find my zip file, open it, hit the upload button. Hopefully this won't take too long to upload, so it's going to let us know that we upload wait for file while uploading to the system. And then we will get a notification at the bottom in blue that it has finished uploading.

So that is the basic interface with the system of the main portal, the seller name, and the available actions to you, and then the basic CSV new.

Now, we'll go through the next stage of the filing part of going actually into the web client. So going into there, the seller name has now become blue in the link, so what we'll do is click into that, and that will take us into the data which we just uploaded.

And so quickly I will go back to the presentation; so after the data is unloaded we have the user interfaces are going to pop up, then inside the user interface we have the data designated into tabs and fields, which we'll explain in a moment.

So we have the ID data tab, customer company data tab which is on the buyer's tab, and then the contract tab. And underneath the contract tab we have the contract details, product and transaction. We'll show you what that looks like right now.

So, again, here we have the ID data, the buyer data and the contract data and the tab. On the ID data you click on the seller button, and then these are, this is the seller that we have for this filer, and here we have the index publisher available here, and then quickly going through we have the available buyer information both from the contract data, you have the company names for which we have the buyers and the companies, and then the contract tab. The radio button will let you know that the system is processing while it is going through.

As a reminder, this webinar will be saved online for I believe three months and will be archived.

So then, Nima, if you would quickly discuss the hierarchy of the set up of the interface.

MR. EBRAHIMNEJAD: Sure. This is right from the top. I think we can identify the identification information first, kind of working from top to bottom, obviously you've got the ID tab that has your seller information, your buyers and such, and then we get down to the contracts, products, transactions and such.

And the screens are laid out so that you will have your parent information up top, and as you are going through the interface you have your parent and child relationships. So you know, one contract can have multiple transactions and supplies and such.

The one thing that you just have to really stay focused on is obviously, as you are looking to see the detailed information and the contracts detailed area, you have to make sure that you obviously have collected their proper contract at the top, the top portion of the screen. And after a couple times use of the system you kind of get the feel of it, and you get used to the interface through the web interface.

Then you obviously have other fields that are laid out that provides you with the detailed information asterisk and such for the right field, okay.

MR. STERTZ: Great, so that's the basics of the interface. And so if we didn't want to edit anything here what we would do is we would go next to the submission process and I will quickly talk about that.

The submit button is going to be what sends the data to FERC for filing. And we are going to prompt you with a little window saying are you sure you would like the data and we confirm it, and we will show you then a confirmation screen that shows the data has been sent us to, and then the system will process all of that and then we'll get what you see on the locations which we will talk about a little bit later. We'll go through and submit this data.

So here at the bottom right, we'll zoom in for those at home, we have the submit button available, we will go ahead and submit, and we will say submit for Q3 2013, and we say, okay, we would like to submit that. And here at the bottom left we see our file has been submitted, and then we get this confirmation notification.

So again, the confirmation is only to say that the data has been sent to FERC, but it does not mean that the filing is complete. The filing will not be complete until you receive an acceptance e-mail, which again, we will go over it a little bit later in the presentation.

So now let's go over the pre-fill options. So if we got to this confirmation page we could just click on the return to home page and that will take us back to the original quarter, so here we are.

So going through the pre-fill option, let's say we were in Q4 2013 and we just wanted to scroll forward the contracts that we had. What we would do is we would choose the electronic correct filing period, which is Q4 in this case, scroll over to the appropriate action, select the pre-fill for the prior filing period. And then what this will do is it will then take the data that we just submitted and roll forward the identification data and the contract data.

And so then we will jump back into the sample Power Corporation, and just to quickly show you, these are the same buyers that we had for all the contract data rolled forward. And then if we wanted to submit that, we would go to submit, the prompt will say, okay, it's okay, and then we get another confirmation, again, that's the Q4 filing has been sent to FERC.

Do you want to --

MR. EBRAHIMNEJAD: Sure. Just a couple things I just want to go through. I think for people that are keeping up through the webcast, one of the things that we are, Ryan and I are doing is we are following, today's demonstration is following the User Guide, so for those of us who are not here, I recommend that you essentially open up your Users Guide and just follow along with us. Do that and you can have the, kind of the feel of the story from cradle to grave.

Then the other part I think, and one example that Ryan did earlier regarding doing a CSV new, he could have very easily, since that filing had already been submitted previously, he could also have used the replay function. Okay?

MR. STERTZ: A quick note on the Users Guide, the CSV upload is going to be on page ten of the Users Guide. The pre-fill from prior filing period is going to be on page 13 of the Users Guide.

Okay, let's go back to the presentation. So now we would like to go over the concept of just submitting the data for a test only validation. So this is going to be again for validation purposes only, so basically going through our number of validations and not submitting to FERC, so we'll quickly go through that.

We have got to go to the confirmation page, we could just return to the home page, return it to the main portal. And so, again, if we, like Nima was talking about, we could just instead of going to CSV new, what we could have done is go to the actions on CSV replace. So that Q3 2013 filing period, browse through, find the zip file, open it up, upload it.

The uploading is going to take a second. Then you get confirmation that there is a file uploaded, we go back to the sample Power Corporation link, click in the link to go into the client. And then where the test button, the test functionality is located in bottom right just under the submit button, I'm going to try the zoom in the best I can.

So here at the bottom is the test. In order to access the test functionality we need to click the triangle as a way to unlock the availability of the test only option, and then you click the box on the test only option. You want to do this to make sure no one that accidentally tests when they are trying to submit a test only test.

So here the submit button changes the submit protect and then there is also a download CSV. The download CSV is only going to over in just a couple of seconds. But for now if we have the Q3 data and we want to just submit it for test to make sure this data is correct before we actually submit it to FERC or even attempt to submit it to FERC, we then go to the submit to test button, then we are going to be prompted with a message asking, do we want to send the data for test only validation, and we'll click okay, yes.

I'll zoom in. It's hard to see, but the filing is being submitted for a test. And then the confirmation change, the confirmation page changes to the data has been sent to FERC for validation. If I scroll a little further, that's a FERC validation.

And then an important thing to note is that anytime you are submitting either for validation or submitting to FERC, is that the data becomes locked because we are processing it for that quarter. So you could access other quarters like we did for the pre-fill for Q4, but the quarter which you submitted is going to be locked until we process it. We are processing things as fast as we can, but there is a small lockup period.

So then I'll quickly go over the download feature. So what we do, we have the availability for users to download the data that they are uploading as either CSV or as XML, so let's see how to do that.

Again, we'll return to the home page, and I'll go through the same series of steps for the Q3 2013. This takes a while to load. Let me try Q4. Please.

MR. EBRAHIMNEJAD: Sure. One of the things I want to just make sure we point out is that in the process, in this data entry process for the user's web, whether they are using the test only function or you are preparing the filing, you should note that the data is actually being stored in what we call a working database.

So this database is to available to the user who has logged in to that session, and so that is a kind of a very much a working database, it's not, it has not been submitted to the Commission, the Commission doesn't have any, you have, view into that data set. So where it really helps out is when, in the next step that Ryan is going to demonstrate, which is the ability for people to take their data to the testing process, and then be able to download it for, onto their own local machines where at whatever point you are happy and then be able to submit that filing for official submission. Okay.

MR. STERTZ: And so, again, to access the availability of the download CSV function we go to the bottom right of the interface and hit the triangle, flip the test only option availability, and then the download to CSV.

Then that's going to prompt us to be sure we want to open it, absolutely. And then this is going to be a, it downloads a zip file of the three files which you uploaded. So in case you edited anything, or for any reason you appended or what have you, we wanted to give you the availability for you to be able to download the data that is in the working databases, and the working database that Nima was just describing.

So then, Nima, do you want to talk about the XML --

MR. EBRAHIMNEJAD: Sure. So I want to make sure I point out that the last thing that was demonstrated one more time. So the idea is the users have had the ability to upload their information to CSV, and interactive with the user interface, and taken it through the test scenarios, corrected any issues that they might have had, and then they were able to download a zip file which is in perfect condition for resubmission, all right, with all the appropriate CSV files and the structure and what have you.

So then the -- another way that you can essentially download that information for resubmission at a later date is the ability for you to download that content in the format of XML, which also I think is a very nifty tool that essentially allows you to come into the system with the CSV but leave with the XML. So in case you have got any developers who are working on your XML solution they can now obviously take kind of as is and make sure that their solution is that your staff has made.

Okay. So what Ryan is doing right now is he clicked on the test only XML submission download link in the sandbox home page. And we do require that the users e-mail and password is entered in here, so that we can safeguard the data that people have placed in the working area. So based on your user, your access, we'll give you a listing of all the submissions that you have, you know, successfully made in the test arena, okay, for downloading.

So you'll see, you just walked in, you have got your submission ID, your filing, your file date, your e-mail address obviously, your name and your status. The submission status is also extremely beneficial there. Anything that has the word final means that you have gone through the entire process successfully. We checked obviously if we had issues or if we encountered issues and that you did it correctly.

And then you download link, which is on the far right-hand side, allows you the ability to download the content of the data in the format of XML to the file, okay.

And then go ahead and save that. So this XML file, you know, for those developers that deal with it, deal with the cypher list and make sure that the XML goes with the issues of that format.

MR. STERTZ: Do you want to go ahead with it?

MR. EBRAHIMNEJAED: Yeah, let's do it.

So we have in the Users Guide you will see some, I think it's in one of the -- in the appendix, in the Users Guide we have got more details regarding the XML, and I think it's in page 60 -- yeah, 59 through the end of the document, is dedicated to the XML submission process and the format and such. So hopefully developers will find that useful.

Do you want to show them the upload page or --

MR. STERTZ: We'll do that.

MR. EBRAHIMNEJAD: Okay.

MR. STERTZ: So that's the test only and download feature availability. Now, we're going to go through the system notification available, for when you send or go to test the file to the client.

So we have three available e-mails that will get sent to you. First is the receipt Email, this is to let you know that FERC has received the file from you. Then you have the validation Email which will let you know the error and warning designation that Deepak touched on earlier, and then the acceptance or rejection Email.

The acceptance Email will be basically your receipt that FERC received the file. Then the rejection Email will say that your data had errors, which will be shown in the validation amount, and we did not accept your EQR for filing.

Let's look at a couple of those. So first we have the receipt of the EQR data, and then this will have, be your basic submission ID, and who it was filed by and the filing description. Then what we do after that is when we open up your data where, in the subject line we'll have the FERC validation of the EQR data, see if I can scroll in here, FERC validation of the EQR data, for the sample Power Corporation, and this will be our CID, company identifier here, and then for the filing period which will open the file. Then it will have summary of that data again here, and then it will have a list of your errors and warnings.

In this case we didn't have any errors, which is good, and then we have a couple of warnings. Again, errors will be the things in your data which will prevent you from filing, but any warnings are just things to take note of that we noticed in your data to make sure that these data are correct, but it will not prevent you from filing if you find warning.

For example, here at the bottom we have a couple of transactions that have, please confirm that all transactions with negative or 0 quantity are correct. So that is my data is correct, and then so that's not worrisome to me.

And then the final Email will be the acceptance, FERC acceptance of the EQR file. Again, it's for sample Power Corporation our CID, and then for the time period which is was appended to the file.

So this is good. We received notification from FERC that our EQR was received by the system and is now in FERC's database.

MR. EBRAHIMNEJAD: Sure. There is one other thing that I have brought up many times and Deepak has spoken about it regarding the type of information that we provide or we have the ability to provide in these Emails. So, one thing that you should know is that our validation is a, is an ongoing series of validations as we go through the life cycle of final acceptance of the data.

So as you saw in the first Email where we had the receipt Email, the receipt Email was very high level, because at that point we have not had the ability to crack open the file and see the detailed content of the file. So you obviously in the receipt Email you are just going to see some very high level information specific to the submission that has been received by the Commission, but as you go through the process, the data, the analysis and verification and foundation and such, we are able to provide more concrete data to the users, so that you can be able to either make corrections to the submission or have that in the form of a receipt.

MR. STERTZ: Great. And when -- I will just quickly show the provision screen, graphically showing, go through that. So, again, we have the receipt Email is the Email that we received the file, and then we have, if we have the ability the read the file, and you pass the validation frame, you receive the acceptance notification, and you also receive the validation notification verification, but if we are able to read the file but you failed the validation, we'll send you the validation notification of the errors broken out, and then also the rejection notification.

Alternatively, if we receive your filing but were unable to read the file for any reason, we'll send you the rejection notification.

And then the notifications are a little bit different for the test only validation. So the receipt for the test only will say at the top, receipt for the test only validation, and again, have the basic information that Nima was just talking about. But then it will also break into the validation of that test only for the sample Power Corporation for the third quarter, and then here go through the errors and the warnings in detail which you can reference in the validation message that we have posted on our website which we'll talk about later.

And then also here with the test only validation, we have a little bit of summary data. We have total transaction counts broken out by customer, by balancing authority and by product, as well as the sum of the total transaction charges. Let me see if I can bring that in a little bit.

We have the sum of the total transaction charges by customer, and summarizing by balancing authority and by processing. And because we only sent it for validation we are not going to have an acceptance Email because FERC will have never received the file.

MR. EBRAHIMNEJAD: I also want to just point out that the reason why we are seeing so much detailed information in the test only Email, is that in the normal route of the official submission we actually take that data and we deposit it into the database, and then we have a pretty robust reporting tool that allows people to go in and to query and analyze the data that's been submitted.

So for the test only function, that data has not officially been submitted to the Commission, so what we are doing is essentially giving you a synopsis of the data that you have submitted and we have analyzed to the working area. So that's why you have a very high level of summary information that is included Email versus having hyperlinks to the actual reports.

MR. STERTZ: Again, I will just quickly note that if you do not receive the FERC acceptance EQR filing Email, you have not successfully filed with the Commission. So this, again, is your receipt that you filed.

So now I'll quickly go through the summary reports available for the review file and we will actually submit the EQR. So in the acceptance Email we have the ability to look at the company summary, product summary and region summary. And these are summary reports of your data that is now public, and then you can click on it, and it will pull up the summary of that data for, this is by the product name, for sample Power Corporation, the CID number, broken out by product in peak, the number of lines there, total number of lines, again, let me see if I can clear it a little bit.

So again, we have a different product, we have peaking, total transaction charges, the quantities by those products, and then average price, high price and low price. And we have a detailed breakout of how we define those at the bottom of the summary report.

Also, those summary reports are available in the EQR sandbox home page at the bottom, there is a bottom link for the EQR reports. So again, we would designate the report side, product for the time period that we are looking for, Q3 2013. So it shows it's in progress.

So what this will do is it will have a summary of all of those who filed with the Commission, and it will have a summary of all of their data as well. So you can search through all of the companies which have filed, and you will find the kind of synopses of those, very similar to what we found here.

MR. EBRAHIMNEJAD: I should point out, that report module also provides you the ability to download the data in various formats, CSV format or XML format, and the big difference here is that the reporting download function allows you to have a WYSIWYG feature, which is, what you see is what you get. So whatever you see on the screen, then the download features adheres to that formatting structure. So that's different than the other download feature which we have in the test only function. So just make sure that you kind of, you know, stay cognizant of that. Okay.

All right, we're going to go into the sample of uploading an XML file. So for those people that are going to be submitting data to the Commission using the XML format, we have for that specific format structure we have two ways that you can submit the filing to us. One is through the NSP page that we have that is available in the sandbox page, so maybe Ryan can bring that page up.

All right. Right there, and then the direct XML submission, and that interface is pretty straightforward, you have the ability to identify the XML filing as either a test only option or the actual filing. You have to put in your log-in credentials, and then you go through the same process of the CSV upload, you go and browse for the XML file that you have constructed, and it's in the a zip format, and you upload the file. Okay.

And at that process, once you upload that file, then from there on, once it's uploaded here by our system, we follow the same identification process that we have with the regular system, okay. So this is a real quick glance of the number of rows that were submission ID for that submission note.

The second way that you obviously can submit XML filing to us is through the web service that we have exposed to our developer, developers that are outside this building. And once again, I direct you to the Users Guide, I believe it is from page 59 on, where we go into details regarding the services that we have exposed, and using that service we'll have the methods that identify the filing and the regular file or staff file, and be sure to write your code to make sure your codes interact with that.

MR. STERTZ: Do you want to --

MR. EBRAHIMNEJAD: Sure. So the slide has XML data validation, the documentation for XSD validation and such, for all of us that are developers. I encourage you to, 1, keep up with the documentation; 2, make sure that you have the latest and greatest XSD's that are published with our release notes where we will always notify you in the release notes if any changes have been made to the access XSD.

And from the developer's standpoint, obviously, in the written the codes, submit data to us and everything works and then a week later it doesn't, then I encourage you to go to the XSD and see if we have pardoned some of the rules or modified some of the business logic for the filing, okay. And in the XSD's you are going to see all of the structures and values and such. Okay.

The XML examples, we've got new and replace, those are just tags right up front on the XML on the first line or two, that identifies if the Commission has intended it to be a new filing or replacement of the previous filing.

And then the last thing that I mentioned before is the form of submission service also has a method that allows to you identify the filing as a staff filing or a regular filing, okay.

MR. STERTZ: Great, and all of that information is going to be available in the technical documents section of our website, which I'll quickly go over.

So in the Electric Quarterly Report section of the FERC website, and currently we have them in the file 3rd quarter 2013 and beyond. We have the link to the sandbox, we have the documents that Deepak touched on earlier, the FAQ's, the data dictionary, the validation rules and balancing reporting list, and then for the XML Schema tables that Nima was just discussing, the examples for XML structure and then we also have CSV example files.

So, quickly I'll go over the validation rules. Again, what we are trying to do with these rules is streamline the process for the data improvement through the EQR, and we have the detailed breakdown of what is posted on the FERC website which I just showed you.

So there are about 140 validation rules once you submit to FERC, you can see the breakdown of that, but again, it's used in conjunction with several steps, so the CSV upload we translate it from CSV to XML, and if there is a difficulty in that translation, we can't get the data even into the interface.

And then within the interface, if you try to submit what you have forgotten potentially a required field, it will let you know. And then on the back end when we go to submit for the test only or to submit to FERC, that's when the 140 validation rules are in place.

So as a way to kind of circumvent any upload issues we really recommend re-examining both the Users Guide and the data dictionary, just because the formatting is so important now. The formatting must be consistent with the data dictionary to be accepted by the validation process, because the XML is a very precise formatting.

So I think this wraps up the demonstration of the software, and I believe we are now going to open up to questions folks submitted online.

CHAIRMAN RAMLATCHAN: Thanks, Ryan, thank you, Nima. I'm sure we'll have questions both in the webcast and folks in the room.

We'll open that up for questions now, for the folks in the room, be just getting your thoughts together and wondering whether or not you want to volunteer and actually come up and ask a question.

We'll start it off with a question via Email, so Astrid or Roxanne, I ask that you read the question and also remember to include who it's from and who they are representing, if that information is available.

MS. ROYSTER: First question is, user wants to refile the previous quarter with each quarter filing; could you describe how we could accomplish this?

So this is a question regarding the re-filing of a previous quarter with each quarter re-filing.

MS. RAPP: So we received this question from BPA and they are talking about re-filing within the new EQR filing system. They said that we know that due to the lag time between quarter close and settlement of CAL ISO transactions we plan to re-file the previous quarter with each quarterly filing. Could you describe how we would accomplish this? I'm assuming that we would use new for re-filing the previous quarter, but it sounds like that may not be the case. If we use replace, how does the system replace existing data once it has been filed and gone through the two stage validation process?

MR. STERTZ: So the -- that's a really good one. So with the CSV replace function, that will, whatever data, whatever new data you are going to submit, will completely overwrite the previous data. So all of the data you previously had will no longer exist in our system and will be overwritten by the whatever you use for the CSV replace functions.

CHAIRMAN RAMLATCHAN: Any necessary quick additions to that answer?

Okay, thank you. So we'll go now to the audience. You can either step to the standing mike there or you can come up here and sit town at one of the microphones at the table.

And the first question from those brave souls that braved the elements? Here is a brave soul. Well, we knew that; right?

BARBARA BOURQUE: Yeah. I'm Barbara Bourque, I'm with Energy Compliance Consultants. I have a few questions that I jotted down. Nima, when you were talking about --

Is there a switch or should I just -- anyway, in the report, the WYSIWYG report that you were talking about, and you said that report once you are out of the test function were formatted differently than the CSV download which is uploadable again in the test function. So does that mean that there will not be the capability to take data that has been successfully filed and get a CSV download from that that is uploadable?

MR. EBRAHIMNEJAD: Sure, I was specifically speaking to the zip portion of it. So in the download in the test function you have the ability to download a zip file which contains all of the CSV files that are constructed for that test submission. In the report function, you have the ability to download segments of the data that you have.

So maybe we should bring this screen up. So the key thing I just want to make sure people understand is that the test function gives you the ability to download the zip file that is, the entire submission with all the

the CSV file that you can walk away with, while the reports module gives you a much more robust downloading capabilities that allows you to download for any kind of a predetermined query and such.

And so you have got the data but it's --

BARBARA BOURQUE: But it's not in the format that is uploadable?

MR. EBRAHIMNEJAD: Well, you have to -- there are different pieces; right?

BARBARA BOURQUE: But each individual piece from the brief look I have done at the reports, the fields aren't necessarily in the same order as you would need to have to upload them. Sometimes someone is an EQR filer or a company, they leave, their data is not accessible to someone who goes, in the next quarter some new lucky soul gets to file the EQRs, and right now in the CSV system you can just do a download, you can call that company as you are doing it for the CSV, you have got contract data formatted, you have got the template for your transaction data where you can delete the prices or quantities, but you have everything else that may stay the same from quarter to quarter.

So that's a current capability, but my understanding from what I've seen of the new system is that capability doesn't exist right now.

MR. EBRAHIMNEJAD: I will have to confirm that, because I as I said, I just pointed out one way that you could download it.

BARBARA BOURQUE: Well, you can download but not in an uploadable -- you have to tweak it before you can re-upload it.

MR. EBRAHIMNEJAD: Another way would be the pre-fill function, let me just double check first.

BARBARA BOURQUE: Okay. The next question I have is just if we have policy questions that have been asked, I don't know if we are addressing any of those things today or just talking about software, but I know I have submitted some policy questions and some of my clients have, and if they are -- it's there, how do we get responses to those? Should we file it in a new docket, I'm just not sure how some things got lost in the shuffle with all the excitement that has been going on in the last few months, if we need to resubmit them again or put them in the docket or in the record; are there any suggestions for that.

CHAIRMAN RAMLATCHAN: Thanks, Barbara. So, first of all I think that we need to keep those questions on the radar. You're right, we are here really to talk to the system implementation this morning. So we can't speak for the way some of those policy questions may fall out in actuality, but we would like to follow up with you on some of those questions and give you an indication of things we are working on and how they may play out.

So for the policy questions, I would ask that we not field those today, but that we would be happy to follow up with you.

BARBARA BOURQUE: Okay, thanks. That was just the surrounding questions to give you a heads up of the questions from my clients.

CHAIRMAN RAMLATCHAN: Okay, great. I think, Barbara, we are going to shift to an Email question.

BARBARA BOURQUE: Okay.

MS. RAPP: We have a question from Brenda Ybarra from Stream Energy. Her question is with regard to testing data. When selecting the CSV replace from the drop down action menu to test the submission, will it be the only way that we will see the test only radio button, or will it be available with other actions in the action menu?

That's Brenda Ybarra with Stream Energy, and she is looking for when that test only button will be available.

MR. STERTZ: Yes, that's a good question. For anytime you are going into the interface, whether you chose anything from manual new to pre-fill, that radio button will be available for you, for you to test or download to

CSV.

CHAIRMAN RAMLATCHAN: Okay. Are we ready in the audience for another question? While you are thinking that over we'll move to another Email question.

MS. RAPP: This is from Steven Tapanak, please excuse me for pronunciation, he is with Noble America Gas & Power Corporation.

In the CSV upload example what file types were contained within the zip upload? It was a bit unclear through the webcast. Were there three files, and what were they? Could you just review what was in the CSV file, Ryan?

MR. STERTZ: Absolutely. I will quickly do this. Here I have my zip file, and I have zipped four files. I will make this as large as possible.

So I have ten regional web tabs, I hope you can read this on the webcast, if you can't I sincerely apologize. Here I have the contract data, I have the identification data, the index publisher data, and the transactions data.

And as a quick note, we have very specific ways to name the file, which is on the very end of the contract it has to state contract, same thing for ident, same thing for index hub, and same thing for transactions. Without those naming conventions we, again, will not allow you to file.

BARBARA BOURQUE: Does the underscore have to be there, too?

MR. STERTZ: I believe the underscore has to be in front of the transactions as well. Everything seems to be on --

MS. RAPP: Yes, the underscore needs to be there on all of the CSV files.

MR. STERTZ: I hope that answers the question.

CHAIRMAN RAMLATCHAN: Again, that information is available in the Users Guide.

Looking at the audience again.

MS. WHITE: Identify yourself, please.

ANDREW SCHMIDT: I'm Andrew Schmidt from OATI. I had a question regarding the sandbox availability. Sounds like that might be going away at the end of February, and I was wondering, in light of -- could you development a tool to help generate, validate and submit these files for our customers, and the integral with that process is being able to test and verify with sandbox. So I was wondering if, whether you anticipated additional changes being rolled out with regard to your validation systems, and if in those instances the sandbox will be made available again for similar testing and verification?

CHAIRMAN RAMLATCHAN: Thanks for the question.

So, as you know, I really believe that we are at the extreme tail end of any validation rules that need to be implemented, so what you have in place has got to be right around 99.9 percent set.

That said, the sandbox we are anticipating will be up for well into February, but you do have the ability to test your data, you know, even in production. So you get to run all of this through test only process, even post sandbox.

ANDREW SCHMIDT: So would the production test only then be available for third party vendors as well, or is that only available for people who are actually submitting filings?

CHAIRMAN RAMLATCHAN: I'll turn this over to you in a second, Nima, but I do anticipate to have some level of coordination between the vendor and the filer and you will be able to get around that problem.

MR. EBRAHIMNEJAD: Absolutely. I suspect you will be using the service, XML service or are you using the actual CSV uplift?

ANDREW SCHMIDT: We support both.

MR. EBRAHIMNEJAD: Okay. So, the purpose of developing tools or what have you, you could have a test account created and continue to use that. And also you could use the web service that we have developed.

ANDREW SCHMIDT: Okay. Wonderful.

BARBARA BOURQUE: Then we'll be able to do that on the production service?

MR. EBRAHIMNEJAD: Yes, ma'am.

BARBARA BOURQUE: Okay.

ANDREW SCHMIDT: So just registering as a normal user but just use it --

MR. EBRAHIMNEJAD: Absolutely, absolutely.

ANDREW SCHMIDT: And I guess just one more followup question. If there are any updates or changes coming to the validations or anything else in your interface, have you considered more direct communication approach either as WYSIWYG so that you can get direct notification of something that's coming up?

MR. EBRAHIMNEJAD: Yes, you can subscribe to the RSS, absolutely.

ANDREW SCHMIDT: Okay, thank you.

CHAIRMAN RAMLATCHAN: We'll switch back over to mailbox questions.

MS. RAPP: We have a question from Darlene Schnack. When resubmitting previously filed data is the replace function the same as you just described in the XML format as it is in the CSV?

MR. EBRAHIMNEJAD: Yes.

MS. RAPP: That was quick.

CHAIRMAN RAMLATCHAN: Okay, thanks. Audience, questions?

BARBARA BOURQUE: This is Barbara Bourque again. This may be up here, I haven't personally checked it, but I know you came out with a new XSD a few weeks ago, and is there some place where you actually document the changes between those versions? I know when you have been putting out new CSV interfaces there are release notes on what you have changed; is there some place where you documented the changes on the EML?

MR. EBRAHIMNEJAD: I'm looking at the release notes right now, and I think the last -- I see a change was made to XSD, one of them was in page 1-12-12. I think that in the release we described some changes, I don't know how granular it was.

BARBARA BOURQUE: Okay, because they just kind of appeared, without any notices, so it didn't think that -- the file didn't correspond to any version of the CSV.

MR. EBRAHIMNEJAD: I don't know on the release notice that we as a minimum speak to changes to the XSD, I don't know to what granularity we point out, for example to look at the value that was changed that was introduced in the XSD.

BARBARA BOURQUE: Then just to follow up from the question from Eddie which I was a good one, about having a test availability, right now with the XSD we have a test Company A and Company B and we can kind of do some, so what I thought I heard you say is that the developer will be able to create a test company.

How would we do that? Would we Email the FERC online support, are they going to create that, if there is no tariff, if it's not a legitimate company, I just can imagine that might be a little thorny.

So -- but are you guys just going to create that test company and say here it is to anyone who wants to test with it and here is the password, and just Email us, but I'm concerned about several developers sending in Emails to eRegistration and asking for fake company to be put in, that could create problems.

CHAIRMAN RAMLATCHAN: So you are speaking to post sandbox?

BARBARA BOURQUE: Yeah, yes, I think it's right that there will be a test company out there or some way that we can continue to test without using a live company's data, but I thought it was said to just send it in and we'll create a test company for you, and I'm just a little concerned about, knowing the Commission, I'm a little concerned about the logistics of that.

CHAIRMAN RAMLATCHAN: I think that's a great prompt to again emphasize that the sandbox will be up for a number of weeks, and that we should get a lot of that testing done in that period. And so if we need to take back and think about how we deal with people wanting to simulate filing and testing with a fictional company, we'll take that back but, again, we do want to emphasize that people should be using the sandbox as much as possible right now.

BARBARA BOURQUE: Right. I just am concerned, even going forward, we could use real companies and I know there will continue to be a test capability, but if you are developing for a bunch of people and you're trying to interest them in things, you don't want to necessarily trample on one of your client's data, and you want to have something out there that is completely unofficial.

CHAIRMAN RAMLATCHAN: I'm getting feedback that what you are requesting is really outside of the realm of something that is plausible and good. So we will take it back to discuss.

BARBARA BOURQUE: It is outside or is not outside?

CHAIRMAN RAMLATCHAN: It is not outside.

BARBARA BOURQUE: Thank you. I thought wait a minute, this is going south. Okay, that's my last question, so it's good news all around.

MR. EBRAHIMNEJAD: Barbara, just confirmation on the outstanding question that you posed, which is regarding the ability to download previously submitted data in the format that would allow you to with minor changes be able to resubmit in subsequent quarters, you should know that obviously the data is stored in the database but, in relational maybe format, but it's also stored in the XML format, so that would be a requirement, a reporting requirement, that would just essentially allow you to similar to the downloading capability that we have for the test only, have the ability to download the previously submitted filing in a format that is to exact format that can be with minor tweaks resubmitted again for future --

BARBARA BOURQUE: If it was XML, in CSV though?

MR. EBRAHIMNEJAD: Right now we store the data in XML. So I can tell you from a mechanical standpoint, we have that data stored that way. So then it would be an enhancement or a future requirement that allows you to do what you are saying, which is to take that data and through the CSV give you the downloading capability for a complete package.

BARBARA BOURQUE: I think what I'm hearing is you are confirming that that function is not available.

MR. EBRAHIMNEJAD: That's right.

BARBARA BOURQUE: Okay. Just you package things so nice and neat. That's what I thought, I just wanted to make sure of it.

CHAIRMAN RAMLATCHAN: So we will take a couple more questions on Email.

MS. RAPP: I have a question that I have actually received in different formats from two people, but this one is from Hobdel Durev, and she is from Link Technology. What are all XML submission statuses, final, rejected, visible; are there any other?

MR. ANDEROUNMU: There are three strategies during the filing process. Like we said, there is the final, there is rejected, there is other process pending, which is before we start processing. There really isn't any more than that; we have three strategies.

MS. RAPP: Thank you, Femi.

One other question?

CHAIRMAN RAMLATCHAN: Yes.

MS. RAPP: Okay, from Carla Jarrah. During the initial validation processes I am getting the error messages one by one. After I, in other words, after I upload I get one line error. I correct this error, upload the file, and get another line of error. Will the system be able to give us a report or list of all errors and not one by one?

MR. STERTZ: So, if I understood that correctly, if in the upload process, so again, what I would recommend is going back to the data dictionary and looking at the formatting, looking at the formatting of each individual field, because that's likely the error that's coming up, is that the individual fields are not properly formatted into the upload process.

So, if you're experiencing the red font of doom that happens with all of those messages, I would recommend going back and re-looking at your data, kind of up on a granular level, but there will not be the ability for you to get all of the error messages, because essentially we are converting it from CSV to XML at that point, so the error messages coming up is for the inability for us to further process your data.

CHAIRMAN RAMLATCHAN: So just to add to that, Ryan, from what I understand about the validation logic, when you are uploading the file, the validation process at that point does need to execute really sequentially, so that you will unfortunately get the one error at a time. I understand why this would be a source of frustration for folks, again, it's why I emphasized earlier on that you do spend some time up front with, you mentioned the data dictionary, also the Users Guide, refresh the appendices, which will help you get that formatting and that data structure correct.

There are essentially potential elements that you need to take care of ahead of time. Once you have that down it's really going to pay dividends for you moving forward. So, while we're sorry about the one error at a time processing, it is the logic where, you know, if you corrected a major error up front then a lot of the other errors that you are seeing should also be taken care of, or at least in some instances, which is why it needs to proceed one at a time.

Okay. Audience?

MARGARET GRAHAM: My name is Margaret Graham from Schiff Hardin. I just have a quick question about uploading with the PDF file and the pre-fill. If you were to already have made a filing and then select a pre-fill function, can you -- would you then need to download the ID data and the contracts data and then amend those data on the data file with the new contract data for the new quarter, and then upload it after that at that point, because you pre-fill everything, you just pre-fill the old data, not the new data?

MR. ANDEROUNMU: So the way that the pre-fill works is it enables you to pull it up to contract level from the previous for that. The transactions and other data contained within the contract have to be freshly populated.

MARGARET GRAHAM: Right, okay. But in terms of how you add that into the, like the zip file, how --

MR. ANDEROUNMU: It depends on the path that you take. If you are working in the web client you will download the information into the web client itself, and edit it right then. If you are working through XML or CSV -- if you are walking through CSV -- if you are working through CSV I think the more practical approach will be to download the information from the previous quarter, edit it, and then file it as a replace, because the pre-fill is really meant for people who want to edit in place on the UI.

MARGARET GRAHAM: All right, thank you.

CHAIRMAN RAMLATCHAN: Any remaining questions from those in attendance?

UNIDENTIFIED SPEAKER: I just wondered if you have the time line for filings yet?

CHAIRMAN RAMLATCHAN: All right, so the question is whether or not we have a timeline for the filings, a likely question. So for that I do have to reiterate that we can't speak ahead of the Commission. There are some dates that we have, staff has in mind currently based on where we are in the process, and on the development timeline, you know, and I really hesitate to even suggest these. But as long as it is clear that I'm speaking from a staff perspective and not for the Commission who will ultimately decide, I think we are on track right now for a Q3 2013 filing begin date of March 1st. And again, put all the stars and caveats you need for that.

I'm just getting a reminder that we need to make sure the system is fully functioning, which would be the obvious prerequisite before you make any filing.

MARGARET GRAHAM: Would the begin date of March 1 suggest that it would be due by the end of March or when you say begin date?

CHAIRMAN RAMLATCHAN: The question is whether or not the begin date of March 1st would suggest that the actual deadline is the end of March, and the answer is yes, you would get an entire filing month for that. Again, not speaking for the Commission.

BARBARA BOURQUE: Well, that was actually in the last two notices ago, I think that was the suggested target.

CHAIRMAN RAMLATCHAN: It was in some suggested language.

BARBARA BOURQUE: This is Barbara Bourque again, I think I'm a little confused by your question at first, but what I think, if you copy forward or copy your contract and ID data forward, and then just want to upload transactions, I know a while back when I tested you could do that by uploading, you always had to have an ID file plus just your transaction file; is that still possible?

Was that your question, part of your question?

MARGARET GRAHAM: Yes, that was part of my question, so you wouldn't have to resubmit.

BARBARA BOURQUE: Do you have to download the contract data, too, and then re-upload everything, or can you copy your ID and contract data forward, and just as an aside, is there any intention of adding in the index date of publishing to the copy forward function, because that change your copy forward?

But, so if you, presumably if you did report your sales to the index publishers you would are the upload that file too; so is it possible to just copy ID and contract data forward and then upload your transactions and index data file if applicable, and presumably use it for a few months or do you have to put the ID file in again, too? Does that work now or do you have to just download everything and put it all in together in one fell swoop?

MR. EBRAHIMNEJAD: I can confirm, but I think right now the download feature does not bring the contract information. I think what you are asking for is the ID data is coming down; right?

BARBARA BOURQUE: What do you mean coming down?

MR. EBRAHIMNEJAD: Carried forward.

BARBARA BOURQUE: Right, as is the contract data.

MR. EBRAHIMNEJAD: That's right.

BARBARA BOURQUE: Okay.

MR. EBRAHIMNEJAD: So, I think what you are saying is you would like to have index publisher.

BARBARA BOURQUE: I think two things. I think it would make sense to copy forward the index publishers also, I don't believe that it does. I just think that would make sense. Transactions obviously change from quarter to quarter, but the index publisher normally doesn't. Ideally that is the way.

This was just an aside, I was assuming that that would be part of the copy forward and I hadn't seen anything to that effect. So that was sort of an aside.

But the question is, if you copy forward whatever can be copied forward, can you just upload your transaction data? And I believe it was part of the answer to that is, even if you are just uploading your transaction data you also need to upload your ID data, at least you did when I was testing a few months ago; and is that still possible?

MR. EBRAHIMNEJAD: Again, I'll have to confirm.

BARBARA BOURQUE: Okay.

CHAIRMAN RAMLATCHAN: Sounds like we are going to take that one back.

A question?

GARY KRAVIS: Hi, Gary Kravis with Links Technology. We built a solution to target the XML submissions which is recommended in the XML Schema, which is pretty important to us, so I have got a couple of questions relating to the XML Schema, if I may.

First one is, I note that in the inter-schema there is a provision for monthly filing of EQR's, we have been scratching our heads as to why that would be included in this Schema, we want to build a solution that is fully compliant and the talk I hear, quarterly, so I wonder if you could speak to that.

Then the second question has to do with staff plans for synchronizing the documentation around the data requirements between the Schema and the data dictionary? A quick example of that has to do with time zones. Time zones are two letter codes that go in through CSV and that's how it is in the data dictionary, yet Schema has a three character identifier code.

MS. RAPP: Gary, thanks again, and we did receive your questions, and I'll be getting back to you with some of the details. But on those two with the monthly filing, we are currently receiving quarterly filings, however, my understanding is that there had previously been some discussion, we are speaking to the

Commission on direction to do quarterly filings at this time.

On the data dictionary, we are looking at synchronizing. You mentioned the time zones, and we have discussed that. We will be moving the XML to the two time zones, and that's consistent with the data dictionary.

CHAIRMAN RAMLATCHAN: So on the greater question between the Schema and the data dictionary, we were aware of where those need to meet, where there is gap right now and those are things that we are working on.

GARY KRAVIS: Thank you.

CHAIRMAN RAMLATCHAN: Any remaining questions from the audience?

OLLEN HUNT: Good morning, I'm Ollen Hunt from Pacific Gas & Electric Company, and thank you for having the conference today and thanks for the weather.

I have a couple different questions on, one of the things that we were just talking about was the partial submission, data partial thing, partial submission of data. I know earlier last year we went through, I guess FERC kind of shook under the rug on the database, and the data that you folks have, and then did some trip screens, just went through that whole regime there, and I assumed that was just sort of to get things sort of set up for the new system.

One of the things that we had, we had to repair some data from prior quarters, and for several prior quarters, and that was my, at that point when we did that was one of my questions, whether the new system was going to be able to allow us to actually upload the changes that the errors that FERC had discovered with the trip screens and that we were going to actually give the data back to you.

We have a lot of data, so I had a lot of upload time to resubmit the data again with all of our transactions files, so I'm glad that Barbara reiterated that question again. That's been a concern of ours also to just make some changes to prior submitted quarters without having to resubmit the whole wad. So I guess you have kind of answered that, that it's not going to happen.

I do have a question about the times of identification, and this has to do with especially if we had some validation errors that we have to address, maybe right up to deadline for submittal. So with the prior system it seemed like that the process was getting the data into the database at FERC, seemed like it took a long time, it took several days before I got any notification back that you folks had even accepted that, and I got a confirmation Email, too.

I guess one of the things that I wanted to ask you about and this was, is this going to be a faster system, notification system, can we expect that there will be data cues that we'll have to wait for you to process before we get a notification?

MR. REICH: I just want to, you said you were with PG&E; right?

OLLEN HUNT: That's correct.

MR. REICH: This is a large filing, by far the largest filing, so to the extent that might affect us it has created, it's probably a good example of kind of a stress on the system, because yours is the largest filing.

MR. EBRAHIMNEJAD: The question is, will you receive notification quicker, will we process your data faster, and I think the answer is yes.

OLLEN HUNT: Okay. And then also in terms of sort of data analysis that you folks are going to be doing going forward, which I assume this is going to be going on, maybe the system needs to be a little bit more robust in being able to actually test this.

We had to go back three years, I mean we had to go back quite a distance in time, so maybe with the new system, actually, would you do analysis with a lot more alacrity, quickly, so that maybe let's say the next big test you run would be in the middle of this year and then we would only have to go back a couple of quarters to make those changes rather than go back three years and kind of pull forward?

CHAIRMAN RAMLATCHAN: Thanks for that question. You know, you do bring up the issue of diligence up front versus diligence and having to take action after the quarter, after the data has been filed for many quarters already, so the short answer to your question is that the validations that you have to go through up front, getting those right, will put you with a file in a much better position to not have to, not have us flag issues or questions that we have later on.

So the exercise that many of us went through last summer or so, we anticipate that would be a much, much smaller type activity where you wouldn't have to go back very far, and wouldn't have near as much validation or essential compliance questions from us. So it really will alleviate having to backtrack that much.

OLLEN HUNT: Thank you. I just have one more quick question. The copy forward function, is that, I think in the old software you could actually copy forward if you wanted to, from not just the immediately prior quarter but any prior quarter; am I mistaken in that?

BARBARA BOURQUE: That's accurate.

OLLEN HUNT: Then where are we now on that with respect to the prior quarters?

MR. EBRAHIMNEJAD: Yeah, as it is right now it's just from the prior quarter.

OLLEN HUNT: Okay, all right. Thank you.

CHAIRMAN RAMLATCHAN: Okay, I think we are reaching the tail end here. Any last questions? We are going to end an hour and ten minutes early.

Okay, there being no more questions, you know, I do want to end the conference noting that the function that you provide for your companies, as far as I can see in these EQR filings, you really, many of you, at least in some instances, you are unsung heroes in getting these filings in to the Commission and getting them in the best shape that they can be.

We think that new system is going to help you. We have a lot of obviously automatic validation checks that is going to be going to keep everyone on the filing side and here at FERC on the same page.

So, thank you for your work in getting this in order on behalf of your company and, you know, we are hoping to have a very good system rolled out for that shortly. Thanks. And that ends the conference, thank you.

(Whereupon, at 11:49 a.m., the hearing was concluded.)