

Notification Time / Time to Start

Gas Procurement (Time to get gas) / Energy Market timing

Fuel Switching

Forecasting Unit Run time

Call 1 - June 17, 2014 0954:26 – Inquiry of Notification Time

Joe Smith (ACME): (ACME), this is Joe Smith

Patrick (PJM): Yeah, Patrick (PJM),

Joe Smith (ACME): Hey Patrick (PJM) what's going on?

Patrick (PJM): Not much. Uh, BLUES Units 1 & 2 are they 16 hours away?

Joe Smith (ACME): Uh, let me look here, verify that for ya, uh, what, we're in hour ending 10, um, so let's see, hour ending 10, we have a notification Time of 16 hours, yes, so uh, actually, if you

Patrick (PJM): What if we brought them on at, like spinning and then they had to come up, and if, they were picked up for spinning, eh

Joe Smith (ACME): Actu

Patrick (PJM): eh,

Joe Smith (ACME): I'm, I'm sorry at the top of the hour? Um, they're actually uh, one and half hours

Patrick (PJM): One and half hours away at the top of the hour

Joe Smith (ACME): Yes, I'm hearing five minutes

Patrick (PJM): Alright I will call you right back.

Joe Smith (ACME): Alright thanks

Patrick (PJM): Bye

Joe Smith (ACME): Bye

Call 2 - June 17, 2014 0955:53 – Commitment of Blues 1 Unit

Jane Brown (ACME): (ACME), this is Jane Brown

Patrick (PJM): Yeah, hi, Patrick (PJM),

Jane Brown (ACME): Hi Patrick

Patrick (PJM): Hi, Um, I would like to call on BLUES Unit 1

Jane Brown (ACME): Alright

Patrick (PJM): I believe it's an hour and a half away starting at 10:00?

Jane Brown (ACME): Yes

Patrick (PJM): Uh, for constraint and it is the New Town to Old City Constraint

Jane Brown (ACME): New Town to Old City Constraint

Patrick (PJM): Correct

Jane Brown (ACME): Alright, I understand you want BLUES Unit 1 to come on line at um, 10:00, I'm sorry,

Patrick (PJM): That would be like 11:30

Jane Brown (ACME): Yeah 11:30, at 11:30 for the New Town to Old City Constraint.

Patrick (PJM): That's all correct.

Jane Brown (ACME): Alright

Patrick (PJM): Thank you, good-bye

Jane Brown (ACME): Alright, Bye.

Call 3 - June 17, 2014 1405:46 – Staffing/Gas procurement impact on Notification
Time

Joe Smith (ACME): (ACME), this is Joe Smith

Tom (PJM): Hi, it's uh, Tom here at PJM

Joe Smith (ACME): Hey Tom what's going on?

Tom (PJM): Uh, not much, uh, shift turnover, Uh, I was told that the BLUES Unit uh, was staffed for Tomorrow by 0800 by, 0800?

Joe Smith (ACME): Yeah I mean, we can, we can, uh, advise them to have the uh, have the unit staffed by 0800.

Tom (PJM): Ok, um, I, that's what I was told um, that they were staffing at

Joe Smith (ACME): Yes

Tom (PJM): uh, 0800 Tomorrow. Uh, my question is once they're staffed, what's the Time to start on your unit?

Joe Smith (ACME): Well um, it, it depends if it clears in the day ahead market or not. Um, if it clears in the day ahead market, then we only have a notification Time of one and half hours. If it does not clear in the day ahead market, uh, give me one second, I can tell you what it is. At 0800 for hour ending 9, the notification Time would be 14.5 hours if it did not clear in the day ahead market.

Tom (PJM): Alright, well wha, if we're staffing it, why does it matter whether it's picked up for the day ahead market or not?

Joe Smith (ACME): Because uh, we can't, we can only buy gas at a certain Time with this unit so um, if, if you say staffed, that doesn't necessarily mean that you're gonna be running us, that, that, at that Time. Now if you are going to guarantee the running us or you're if your gonna day ahead award, they will have gas, but wh, when the way the Time, the gas day ends, we only have a certain amount of Time to get the gas, to make sure that we can run for the next day.

Tom (PJM): Alright so, unless it's picked up in the day ahead market, you won't have the gas for it?

Joe Smith (ACME): Correct.

Tom (PJM): for hour ending 9?

Joe Smith (ACME): Correct.

Tom (PJM): So even if we staffed the unit it's really not uh,

Joe Smith (ACME): It depends on how it clears.

Tom (PJM): Ok, I'll talk to my supervisor and see where we wanna go from there.

Joe Smith (ACME): Ok – thank you.

Tom (PJM): Alright thanks

Joe Smith (ACME): Bye bye

Tom (PJM): Bye Bye

Call 4 - June 17, 2014 1411:14 – Staffing impact on Notification Time

Tim (ACME): (ACME), this is Tim

James (PJM): Hey Tim, it's James Adams from (PJM)

Tim (ACME): Yep

James (PJM): Hey, I'm just calling to verify, this staffing for BLUES 1 & 2 for Tomorrow.

Tim (ACME): Ok

James (PJM): Can you tell me what the staffing will be?

Tim (ACME): Uh, right now, um, I mean, it's gonna depend if they clear, if they clear, it will be staffed and notification Time of one and a half hours. If they don't clear, the notification Time will be fourteen and a half hours.

James (PJM): Ok. Um, and you'll know that at 1600 hours?

Tim (ACME): Correct

James (PJM): Alright, we'll go from there then.

Tim (ACME): Ok. Thank you.

James (PJM): Alright thanks.

Call 5 - June 17, 2014 1851:39 – Request for Staffing and Fuel Swap

Charles (ACME): (ACME), it's Charles

James (PJM): Hello Charles, this is James from (PJM)

Charles (ACME): Hi James how are you?

James (PJM): Alright Charles. I am calling, I would like to request staffing tomorrow at the BLUES Units 1 & 2.

Charles (ACME): Ok, BLUESs 1 & 2 staffed tomorrow. What hours would you like them staffed?

James (PJM): Uh, from 0900 until 1800 hours Eastern time.

Charles (ACME): Ok, so BLUES 1 & 2 staffed from 0900 to 1800 um, and while I have you on the line, we only have enough gas through 1900 so we will have to either switch to oil or come off line here at the top of the hour.

James (PJM): Hang on one second. Ok, I understand, that you don't have enough gas and you'll have to switch to oil beginning at 1900 hours.

Charles (ACME): Ok, yes so

James (PJM): Alright

Charles (ACME): Is, would you like us to switch to oil then?

James (PJM): Uh, I'll have to call you back. We have to run a study on that. Yeah, yeah, next Time around, you know, try giving us a call so we can run a study on that.

Charles (ACME): Yeah a little further ahead of time

James (PJM): Yeah, but uh, we're, we're gonna study run em for ya and I'll try to call you back before 1900 to let you know what to do.

Charles (ACME): Ok

James (PJM): Alright?

Charles (ACME): Thanks James (PJM)

James (PJM): Yep Thanks

Call 6 - June 17, 2014 1904:27 – Inquiry About Fuel Swap

Charles (ACME): (ACME), this is Charles

James (PJM): Hey Charles it's James (PJM),

Charles (ACME): Hey James

James (PJM): Hey, he was telling me BLUES uh, said we need to switch fuel. Uh, that's fine. Um, how uh, how uh, do you have, what level do you have to run down to in order to switch fuel?

Charles (ACME): Um, to be honest, I don't know. I can uh, call them and call you back.

James (PJM): Yep. Let me know.

Charles (ACME): Alright, will do.

James (PJM): Thank you.

Call 7 - June 17, 2014 1932:04 – Notification Time Confusion and Commitment
for Next Day

Charles (ACME): (ACME), it's Charles

Tom (PJM): Hi, it's Tom here at (PJM).

Charles (ACME): Hi Tom

Tom (PJM): I am calling regarding the BLUES Number 1 Unit.

Charles (ACME): Yes sir?

Tom (PJM): Uh, they called to have that staffed tomorrow uh, what was it, 09 hour ending 0900. Is that correct?

Charles (ACME): Yeah, 0900 to 1800

Tom (PJM): Alright um, as per our conversation, uh, or I don't know if I talked to you or someone else earlier. Uh, regarding the day ahead schedule?

Charles (ACME): Yes

Tom (PJM): Uh, it was not picked up in the day ahead, correct?

Charles (ACME): Correct.

Tom (PJM): So even if it's staffed, it's going to be Fourteen and a half hour Time to start?

Charles (ACME): No – I will uh, I will adjust that as soon as I can. It should be half hour noti, or half hour

Tom (PJM): It's gonna be thirty minutes? Ok that, alright, I was told, depending on the day ahead, it would be fourteen and half hours. Uh and then uh,

Charles (ACME): Yeah that's what we

Tom (PJM): And if it was picked up in the day ahead it would be uh, an hour and a half, I think is what he told me.

Charles (ACME): Uh, right now we won't be able to bring them on line gas. We can bring them on line on oil at 0900 but we can't get gas until the new gas day starts.

Tom (PJM): Which will be at 10:00?

Charles (ACME): 10:00.

Tom (PJM): Alright so if we were to schedule the unit on at a certain Time, we still would be unable to get the gas at this Time?

Charles (ACME): Depending, I mean, that just from just for that one hour that were (unintelligible word) staffed. From 0900 to 1000 that'd have to run on oil.

Tom (PJM): Ok

Charles (ACME): But after 1000 they could get gas for

Tom (PJM): Well we probably won't have any issues until about 10:00 anyway, but

Charles (ACME): Ok, yeah that should be fine and they can pick it up at real Time and come on line

Tom (PJM): That unit looks like it came on uh, uh, just before 11:30 this morning. Um, with a, I guess, hour and a half start cause they called it at 0956

Charles (ACME): Right

Tom (PJM): Um,

Charles (ACME): But that

Tom (PJM): Alright so when you acquire the gas is it always till 1900 hours. Cause we're gonna run into the same issue

Charles (ACME): Um

Tom (PJM): Cause yesterday and today, at, at 1900 you guys were out of gas.

Charles (ACME): Yeah and that's because they it's, it's like very predictive, we never know how long you plan on running the unit and that's what PJM gave us as the best estimate and that's what they bought gas for .

Tom (PJM): Ok, well

Charles (ACME): After, after 1800, we can't buy gas, so essentially if we are notified even just like 1700 that you think it will run longer than 1900, they, our gas (unintelligible word) should be able to get more gas.

Tom (PJM): Alright cause I'm gonna need that on longer than 1900 Tomorrow.

Charles (ACME): Ok

Tom (PJM): So I'll, I mean, I would count on uh, an additional two hours at least until 2100 hours

Charles (ACME): Ok, I will uh, I will let them know. I'll, I'll make sure to communicate this with everyone.

Tom (PJM): I'm gonna probably need an additional two maybe three hours, but uh, Uh, I'd say at least until 2100, probably until 2200 to be safe. Um, I'll see how it is tonight and then I'll call you back um, cause we got these constraints up and that's why the unit's running.

Charles (ACME): Right

Tom (PJM): Right now it's on for New Town to Old City.

Charles (ACME): Right

Tom (PJM): And uh, if we take the unit off then we're gonna go over here, so. Depending on how the load drops out, probably the load's gonna be even higher with the hot weather so, um, yeah I'll give you a call back. Uh, Like I said we're probably gonna need it until at least 2100

Charles (ACME): ok

Tom (PJM): Possibly 22 but I'll call you back.

Charles (ACME): Ok

Tom (PJM): Ok?

Charles (ACME): Alright, thank you.

Tom (PJM): yeah, bye.

Call 8 - June 17, 2014 1940:06 Swapping Fuel Schedule

Charles (ACME): (ACME), this is Charles

James (PJM): Hey Charles, it's James from (PJM)

Charles (ACME): Hey James

James (PJM): Hey Charles, what schedule do you go to when you switch BLUES to oil?

Charles (ACME): Um, let me take a look real quickly. At cost schedule. So we have it off, so we offer it, I don't know, see I don't know what you guys see over there, of course, but um, we offer it on both gas and oil and I mean are you looking for a price? It looks like the price is uh, \$ at 45MW.

James (PJM): Yeah that's it. I got the right one. Yeah because there's, there's an oil cost and an oil price but only cost was available

Charles (ACME): Right

James (PJM): So that's the schedule I put it on

Charles (ACME): Yeah

James (PJM): I wanted to see make sure I was correct.

Charles (ACME): That's perfect.

James (PJM): Alright, that's what we're going on. Thanks

Charles (ACME): Right, Thanks James (PJM).

James (PJM): See ya

Call 9 - June 17, 2014 1941:32 Confirming Fuel Swap

Charles (ACME): (ACME), this is Charles

James (PJM): Hey Charles, it's James from (PJM)

Charles (ACME): Hey James

James (PJM): Hey uh, when, when do you expect to start ramping down uh, BLUES to switch over to oil?

Charles (ACME): They, they did it so yeah

James (PJM): Ok, they're done?

Charles (ACME): Yeah, apparently they, he wasn't aware over at the plant cause he says he hasn't done it in a while but they installed a new system so it can swap over at 30 (Unintelligible word) too.

James (PJM): Oh – yeah ok, yeah, cause we really didn't see it move down that much.

Charles (ACME): Yeah pretty seamless it seemed.

James (PJM): Alright uh, let's uh that's good then. Alright

Charles (ACME): Yeah, alright

James (PJM): Thank you

Charles (ACME): Yep see ya

Call 10 - June 17, 2014 1946:03 Confirming Schedule for Next Day

Charles (ACME): (ACME), it's Charles

Tom (PJM): Hey Charles it's Tom here at (PJM) again.

Charles (ACME): Hey Tom

Tom (PJM): Hi uh, the BLUES unit #1 for Tomorrow, uh, when the new gas day starts at 10:00, it's probably when we're going to look to uh, start that unit up. And we need you guys to order enough gas to run that unit through 2200 hours tomorrow.

Charles (ACME): Through 2200 and uh, BLUES 2 will be condensing so you don't need us to get gas for that do ya?

Tom (PJM): Uh, no we, we, can, actually uh, it, we can't bring both the uh, well I mean you can schedule that for spin. I don't know how you guys do that but,

Charles (ACME): It's a, yeah it's

Tom (PJM): We only need, we only need uh, yeah, we only need BLUES 1 on for Tomorrow.

Charles (ACME): Yeah, BLUES 2 is off of its spin already, so we're good there.

Tom (PJM): I'll just need you ordering enough gas to get us through 2200 hours tomorrow.

Charles (ACME): Will do

Tom (PJM): Ok

Charles (ACME): Alright

Tom (PJM): And you know we're gonna be looking to bring it on sometime about 10:00 or shortly after

Charles (ACME): Yes, exactly. So Unit 1 anticipated on line shortly after 10:00 with enough gas to run through 2200.

Tom (PJM): That's all correct

Charles (ACME): Alright

Tom (PJM): Alright thanks a lot.

Charles (ACME): Yeah Thank you

Tom (PJM): Yep bye

Call 11 - June 17, 2014 2306:04 Release of Blues 1 Unit

Charles (ACME): (ACME), it's Charles

Andy (PJM): Hey this is Andy (PJM)

Charles (ACME): Hey Andy

Andy (PJM): Hey uh, as far as BLUES 1, that's released at 2306.

Charles (ACME): BLUES 1 released at 2306.

Andy (PJM): Correct

Charles (ACME): Great thank you.

Andy (PJM): Thanks. Bye