

1 **2003-08-14 CH22 Primary RC 1342 hrs.WAV**

2 MISO/Tim Johns: Hello. This is Tim.

3 LGEE/Tom: Tim, this is Tom LGEE.

4 MISO/Tim Johns: Hey, what is going on, man?

5 LGEE/Tom: Well, we are easing up on that
6 Batesville line.

7 MISO/Tim Johns: Yes, sir.

8 SPEAKER: We are getting so we stay above 600
9 more than I would like to, and I am just seeing if you
10 would check with Cinergy and see how they are doing
11 with their outages.

12 MISO/Tim Johns: Well, we are working on that
13 right now.

14 LGEE/Tom: Okay.

15 MISO/Tim Johns: All right. We have got several
16 people working on trying to take care of all of that
17 mess.

18 LGEE/Tom: Okay. How long do you think it will
19 be?

20 MISO/Tim Johns: I do not know to be honest with
21 you. I don't have a clue.

22 LGEE/Tom: Okay. I am going to look at it here
23 a few more minutes and if it keeps staying above 600, I

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1 might call you back and see what else we can do.

2 MISO/Tim Johns: All right.

3 LGEE/Tom: Thanks a lot.

4 MISO/Tim Johns: Unhuh.

5 LGEE/Tom: Bye.

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2003 08-14 CH22 Primary RC 1347 hrs.WAV

MISO/Dave Dieser: This is Dave Dieser with
Midwest ISO). May I help you, please?

MISO/Don Hunter: Hey, Dave. This state
estimator has got some malfunctions happening here.

MISO/Dave Dieser: I am looking for-- we are
looking at it right now.

MISO/Don Hunter: Okay. Thanks. Bye.

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1 **2003 08-14 CH22 Primary RC 1358 hrs.WAV**

2 MISO/Ron Goins: Hi, Doug.

3 CIN/Doug: Yes.

4 MISO/Ron Goins: I just talked to Roger Harzy,
5 our director, who happens to be in a meeting with Doug
6 Hills.

7 CIN/Doug: Right. Doug just told me, called me.

8 MISO/Ron Goins: Yeah. What we are trying to
9 figure out now is I know you said when we called back,
10 he wants to tell you how much to decrement Gibson.

11 CIN/Doug: Yeah.

12 MISO/Ron Goins: We are trying to find a
13 ballpark figure right now.

14 CIN/Doug: Okay.

15 MISO/Ron Goins: GSFs inthe IDC are always based
16 on a particular flowgate, and of course there is not a
17 flow-gate built to represent this entire situation that
18 we are looking at. But we need a hundred megawatt
19 whereRob?

20 MISO/Rob Benbow: We want (inaudible). Do you
21 want to do it pro rata with Wheatlad or not?

22 SPEAKER: If we (inaudible)--

23 SPEAKER: The dynamic stability problem is

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1 (inaudible).

2 MISO/Ron Goins: If we deck Gibson a hundred and
3 like that one flow gate showed a 30 percent GSF, we are
4 going to get --

5 (Simultaneous conversation, inaudible.)

6 MISO/Ron Goins: Have we completed our run here
7 yet to see if anything has changed? I'm sorry, Doug.

8 CIN/Doug: That's all right. I am doing the
9 same thing. Who is this again?

10 MISO/Ron Goins: This is Ron Goins, and I am the
11 lead reliability coordinator here at MISO.

12 CIN/Doug: I couldn't remember your name, Ron.
13 I have talked to so many people.

14 MISO/Ron Goins: No problem.

15 CIN/Doug: I never forget faces, but names I
16 have a hard time with.

17 MISO/Ron Goins: Just a second. Hi, Roger.

18 CIN/Doug: I'll tell you what. As soon as you
19 get a number, you just give me a call and we will go to
20 it. That's what I have been instructed so that I don't
21 hold you up on the phone.

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1 **2003 08-14 CH22 Primary RC 1414hrs.WAV**

2 MISO/Don Hunter: MISO Carmel, this is Don.

3 MISO/Dave Dieser: Hi, Don, this is Dave.

4 MISO/Don Hunter: Hi, Dave.

5 MISO/Dave Dieser: Have you got a line to
6 Stewart open?

7 MISO/Don Hunter: One of the lines out of
8 Stewart?

9 MISO/Dave Dieser: Yes.

10 MISO/Don Hunter: Hey, Ron, did you hear
11 anything about one of the lines out of Stewart was
12 open?

13 SPEAKER: I think (inaudible).

14 MISO/Don Hunter: We have not heard anything.
15 We can check it though.

16 MISO/Dave Dieser: If you could, I would
17 appreciate it. Something in that area.

18 MISO/Don Hunter: All right. What is your
19 number again?

20 MISO/Dave Dieser: [PRIVATE NO.].

21 MISO/Don Hunter: We will give you a callback.

22 MISO/Dave Dieser: Okay. Bye.

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1 **2003 08-14 CH22 Primary RC 1419 hrs.WAV**

2 MISO/Dave Dieser: Hello, this is Dave.

3 MISO/Don Hunter: Hi, Dave. There is nothing
4 out there.

5 MISO/Dave Dieser: There is nothing out there at
6 all?

7 MISO/Don Hunter: No.

8 MISO/Dave Dieser: Okay. Thank you.

9 MISO/Don Hunter: Bye.

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1 **2003 08-14 CH22 Primary RC 1422 hrs.WAV**

2 Cinergy/Doug: Cinergy, Doug.

3 MISO/Ron Goins: Hey, Doug, this is Ron.

4 Cinergy/Doug: Yeah.

5 MISO/Ron Goins: Sorry for the long delay there.

6 Cinergy/Doug: Okay.

7 MISO/Ron Goins: We would like to decrement the
8 Gibson unit from where it is right now by 100
9 megawatts, and we would like you to pick that up
10 somewhere to the East.

11 Cinergy/Doug: Okay. Ron, what I need you to
12 do, could you get John Sweas (phonetic) onthe line
13 again and conference him in and tell him that?

14 MISO/Ron Goins: John Sweas. I don't know if I
15 talked to him before or not.

16 Cinergy/Doug: Well, it was either him or Tag.
17 I think it was Tag that we talked to.

18 MISO/Ron Goins: Hey, Rob, were yo talking to a
19 Tag or --

20 Cinergy/Doug: A Tag Shore of a John Sweas.

21 MISO/Ron Goins: A Tag Shore or a John Sweas
22 with Doug earlier?

23 MISO/Rob Benbow: I tried to get a hold of John,

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1 but he was unavailable.

2 MISO/Ron Goins: We tried to get a hold of John,
3 but his voice mail was on, I think. Okay. Have you
4 got his number?

5 Cinergy/Doug: Yeah. [PRIVATE NO.]. Yeah, I
6 need you to request it to him and we are in the middle
7 of it.

8 MISO/Ron Goins: All right. Now, as far as
9 bringing generation up somewhere else, is he in charge
10 of doing that as well?

11 Cinergy/Doug: He is in charge of basically the
12 generation.

13 MISO/Ron Goins: How far to the east do we want
14 them to bring this up? Just anywhere to the east of
15 Gibson?

16 MISO/Rob Benbow: Where is he looking? I mean -

17 MISO/Ron Goins: I am just trying to figure out
18 what questions he may ask me as well.

19 SPEAKER: His (inaudible) I think.

20 MISO/Ron Goins: Okay. Let me see if I can get
21 him in here.

22 MISO/Rob Benbow: Okay.

23 (Pause.)

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1 Cinergy/Dan: This is Dan.

2 MISO/Ron Goins: Yeah, Dan, this is Ron Goins at
3 MISO in Carmel, Indiana.

4 Cinergy/Dan: Yes, sir.

5 MISO/Ron Goins: Is Tag or John there?

6 Cinergy/Dan: Yeah, Tag is right here. Hold on,
7 please.

8 MISO/Ron Goins: All right. Are you still
9 there, Doug?

10 Cinergy/Doug: Yeah, I'm still here.

11 MISO/Ron Goins: Okay. I think they are getting
12 Tag on the line.

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1 **2003 08-14 CH22 Primary RC 1425 hrs. WAV**

2 Cinergy/Doug: You are at [PRIVATE NO.]?

3 MISO/Ron Goins: Are you still there?

4 Cinergy/Doug: Yeah, there he is.

5 MISO/Ron Goins: Okay. Sorry about that.

6 Cinergy/Doug: Okay. Ron, we have got Tag on
7 here also, Tag (inaudible). How are you doing?

8 MISO/Ron Goins: Hi, Tag. I've been doing
9 better, but I am doing all right.

10 MISO/Ron Goins: Tag, because of the voltage
11 stability problem we have, and because of some circuits
12 that tripped out earlier, and Cinergy right now is
13 trying to figure out what tripped them out so that we
14 can get them back in. But I have talked to Doug Hills,
15 who is the head of the control area of operations there
16 at Cinergy, and he has agreed with me, but we do need
17 to go ahead and decrement the Gibson unit, because the
18 output out of Gibson is right now contributing to this
19 problem.

20 Cinergy/Tag: Okay.

21 MISO/Ron Goins: If we could decrement the
22 generation out of Gibson by a hundred megawatts, and
23 then if you could pick that up somewhere to the east

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1 where Gibson is. It is the flows right now that are
2 coming from the west that would be hurting the problem,
3 and flows from the east would help to relieve the
4 problem.

5 Cinergy/Tag: Okay.

6 MISO/Ron Goins: I know that Eastbend was one
7 that showed up as a unit that would be advantageous,
8 but at this point I am not really directing you where
9 you can bring it up. I am just saying if you could
10 bring it up --

11 Cinergy/Tag: It is offline with a tube leak.

12 MISO/Ron Goins: Okay. Well, forget that one
13 then.

14 Cinergy/Tag: Yeah, we are tapped out. We don't
15 have anything else on the eastside.

16 MISO/Ron Goins: Okay.

17 Cinergy/Tag: I mean, most of our peakers are
18 on. Let me take a check here real quick. Oh, boy.
19 All I would have is like a Woodsdale unit that I could
20 bring on.

21 MISO/Ron Goins: Okay. Woodsdale.

22 Cinergy/Tag: I mean, on the eastside of the
23 peaker. Like 77 megawatts.

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1 MISO/Ron Goins: Okay. So could we do the 77
2 megawatts --

3 Cinergy/Tag: I can bring those two up that I
4 have currently down, and that would give you about
5 close to 80. Would that help?

6 MISO/Ron Goins: Yeah, why don't we do the 80.
7 Are you talking then about decking by 80 at Gibson, and
8 raising it up at those two units?

9 Cinergy/Tag: Yeah, would that work?

10 MISO/Ron Goins: Let's try that and see what it
11 does. I know that it will help some, and we will see
12 where we are after you have done that.

13 Cinergy/Tag: Okay.

14 MISO/Ron Goins: All right.

15 Cinergy/Tag: We will get it going right now.

16 MISO/Ron Goins: All right. Do you want to call
17 Doug one you have got that done and he will let me
18 know?

19 Cinergy/Tag: I will call Doug back.

20 MISO/Ron Goins: All right.

21 Cinergy/Tag: Okay.

22 MISO/Ron Goins: Thank you, Tag.

23 Cinergy/Doug: Thanks, Tag. Thanks Ron.

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MISO/Ron Goins: Un-huh. Bye-bye.

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1 **2003 08-14 CH22 Primary RC 1435 hrs.WAV**

2 MISO/Tim Johns: Don is on here right now having
3 and having Ron stand right there.

4 Cinergy/Doug: Hi, Don.

5 MISO/Tim Johns: Don, here is Ron.

6 MISO/Tim Johns: Who is calling?

7 Cinergy/Doug: This is Doug at Cinergy.

8 MISO/Ron Goins: Hi, Don.

9 Cinergy/Doug: No, this is Doug.

10 MISO/Ron Goins: Hi, Doug. I am working with
11 Don and Doug is on the phone. All right. I have got
12 it straight now.

13 Cinergy/Doug: And they are going to a hundred,
14 and they are bringing on another CT.

15 MISO/Ron Goins: All right.

16 Cinergy/Doug: We will go to a hundred and then
17 he is bring those units up, and then he is going to
18 back down to Gibson if we have the other ones up.

19 MISO/Ron Goins: All right. When he calls you
20 back then, he is going to call you back, right?

21 Cinergy/Doug: Right.

22 MISO/Ron Goins: If he could find out exactly
23 where each of those megawatts came from that he raised

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1 on the other side, and the CTs, and how much he is
2 raising in each just for our records here?

3 Cinergy/Doug: Okay. Will do. I will get them
4 to you.

5 MISO/Ron Goins: All right.

6 Cinergy/Doug: All right.

7 MISO/Ron Goins: All right. Thank you, Doug.

8 MISO/Ron Goins: All right. Bye. They could
9 find another hundred, and bring up that hundred and
10 then drop Gibson.

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2003 08-14 CH22 Primary RC 1436 hrs.WAV

MISO/Don Hunter: MISO Carmel this is Don.

MISO/Rich Cobb: Hi, Don, this is Rich.

MISO/Don Hunter: Hey, Rich.

MISO/Rich Cobb: Southwest Power Pool has got that TLR on 5078, and there is on schedule that sinks into you guys.

MISO/Don Hunter: Okay.

MISO/Rich Cobb: CILC, I believe.

MISO/Don Hunter: All right.

MISO/Rich Cobb: According to the procedure, Southwest power pool under the one that I acknowledge.

MISO/Don Hunter: Okay. Yeah. Okay. I will send it out.

MISO/Rich Cobb: Okay. All right.

MISO/Don Hunter: Thank you, sir. Byebye.

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1 **2003 08-14 CH22 Primary RC 1438 hrs.WAV**

2 Cinergy/Mayberry: System, Mayberry.

3 MISO/Jason Marshall: Hey, Mayberry, this is
4 Jason Marshall.

5 Cinergy/Mayberry: I would say something nice
6 about him, and that isn't going to hurt my soul.
7 Hello? Speak into the phone, please.

8 MISO/Jason Marshall: This is Jason Marshall.
9 Can you hear me?

10 Cinergy/Mayberry: No. I just hear some ~~buzzing~~
11 back there.

12 MISO/Jason Marshall: Okay. Can you hear me
13 now?

14 Cinergy/Mayberry: Just barely.

15 MISO/Jason Marshall: I'll tell you what. I
16 will try -- I will hang up and try calling you again.

17 Cinergy/Mayberry: Go ahead. I have got enough
18 of you that I can hear something.

19 MISO/Jason Marshall: Is Cliff or Spencer Howe
20 there?

21 SPEAKER: Spencer?

22 MISO/Jason Marshall: Yes.

23 Cinergy/Mayberry: Yes.

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1 MISO/Jason Marshall: Can I talk to him?

2 Cinergy/Mayberry: Yes.

3 Cinergy/Spencer: Cinergy, Spencer speaking.

4 MISO/Jason Marshall: Hey, this is Jason.

5 Cinergy/Spencer: Hey, Jason. Man, you are
6 awful quiet on the other end.

7 MISO/Jason Marshall: Man, I have got this thing
8 right up against my mouth.

9 MISO/Jason Marshall: Does that help?

10 Cinergy/Spencer: That helps some, yes.

11 MISO/Jason Marshall: Okay. Good. This is
12 probably an obvious question and I probably know the
13 answer, but I am assuming you guys have switched on all
14 available capacitor banks that you could switch on and
15 have actually had the generators max out their VAR
16 output?

17 Cinergy/Spencer: Yeah.

18 MISO/Jason Marshall: Okay. So all the
19 generators up in that area are maxed out?

20 Cinergy/Spencer: Let me see where Noblesville
21 is at. I called them to pickup there at Noblesville
22 when all this mess started.

23 MISO/Jason Marshall: Okay.

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1 Cinergy/Spencer: I am not saying it stayed
2 there after we got it going.

3 MISO/Jason Marshall: Okay.

4 MISO/Jason Marshall: Thank you, sir.

5 Cinergy/Spencer: I think Tagheagas (phonetic)
6 is much pretty topped out.

7 MISO/Jason Marshall: Tagheagas is topped out.

8 MISO/Jason Marshall: You don't have the Henry
9 County units running by chance do you?

10 Cinergy/Spencer: They had been on, but
11 generally the 138 voltage is real strong through here.

12 MISO/Jason Marshall: All right. So it is
13 mostly the 230 and 345?

14 Cinergy/Spencer: 345, yeah. They are looking
15 pretty good. They are at Noblesville, and 169 and 138
16 aren't doing too bad. Let me see if they have any room
17 at Henry County.

18 MISO/Jason Marshall: I am just trying to make
19 sure that we have all the bases covered obviously,
20 because eventually the question will be asked of us.

21 Cinergy/Spencer: And was all available VARS on.
22 It looks like I can pick up some at HenryCounty.

23 MISO/Jason Marshall: Okay.

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1 Cinergy/Spencer: I have got some room there.

2 MISO/Jason Marshall: Okay. So why don't you try
3 to do that, and get them to pick that up then.

4 Cinergy/Spencer: All right. I will get
5 Noblesville and see if I can get extra there. It looks
6 like they are pretty high.

7 Cinergy/Spencer: Okay. And Gibson, but they
8 have been maintaining a voltage at Gibson pretty well.

9 MISO/Jason Marshall: Okay. Your voltage isn't
10 really low down there though is it?

11 Cinergy/Spencer: No, no.

12 MISO/Jason Marshall: That's not really going to
13 help.

14 Cinergy/Spencer: They kind of prop up
15 everything else.

16 MISO/Jason Marshall: Let me ask you this
17 question.

18 Cinergy/Spencer: They have a lot of capability.

19 MISO/Jason Marshall: Let me ask you this
20 question. Do you think of any of those IP&L units from
21 Georgetown or anything like that might help you at all?

22 Cinergy/Spencer: I was told earlier that IP&L
23 was bringing on units for voltage support.

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1 MISO/Jason Marshall: Okay.

2 Cinergy/Spencer: I overheard one of the
3 operators in here say that, because we had called them
4 to let them know that there was obviously some kind of
5 system event. And they said that they were bringing on
6 units for voltage support, but I don't know what that
7 entails.

8 MISO/Jason Marshall: Okay.

9 Cinergy/Spencer: I don't know if they did bring
10 Georgetown on or not. It sure would help them out as
11 much as anything.

12 Cinergy/Spencer: Okay. All right. It looks
13 like Gibson slipped a couple of kV, and so I can give
14 them a call and see if they have room to pick up any
15 more.

16 MISO/Jason Marshall: All right. Okay.

17 Cinergy/Spencer: I called Hoosier earlier and
18 had Miram to pick up what they could, but I didn't
19 follow up to see what they did.

20 MISO/Jason Marshall: Okay.

21 Cinergy/Spencer: All right.

22 Cinergy/Spencer: We were setting good or
23 setting okay until Wheatland came on, and that extra

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1 couple of hundred megawatts really started dragging
2 Of course the load is growing, too, with the afternoon
3 goes on.

4 Cinergy/Spencer: Sounds as if we are going to
5 need to stay on top of this one with the voltage,
6 because they found their problem there on that 345 line
7 from Bedford to Columbus.

8 MISO/Jason Marshall: Great. What is the
9 problem?

10 Cinergy/Spencer: And they should have it in, I
11 think, in another hour before that is going to be back
12 in service.

13 MISO/Jason Marshall: Okay.

14 Cinergy/Spencer: And that will help the
15 situation greatly.

16 MISO/Jason Marshall: Obviously. Okay. All
17 right. That is good news, and I will let the
18 reliability coordinator on the desk here know that and
19 everyone else here know that as well.

20 Cinergy/Spencer: Sounds good.

21 Cinergy/Spencer: I'm just glad that we are
22 still a few hundred megawatts short of peak.

23 MISO/Jason Marshall: Yeah, no kidding.

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1 **2003 08-14 CH22 Primary RC 1453 hrs.WAV**

2 MISO/Don Hunter: MISO Carmel this is Don.

3 MECS/Jim: Don?

4 MISO/Don Hunter: Don, yeah.

5 MECS/Jim: Hi, Jim from MECS. How are you
6 doing?

7 MISO/Don Hunter: Pretty good. How are you?

8 MECS/Jim: I am doing well. Hey, you guys
9 experiencing any of your webpage problems or internet
10 problems?

11 MISO/Don Hunter: I heard there was a problem
12 with some messaging. I have not had a chance to
13 investigate yet.

14 MECS/Jim: Well, all my guys at scheduling stuff
15 is all off-line here. I can't see to link it back up
16 to you. I just wondered if you guys knew anything
17 about that.

18 MISO/Don Hunter: I don't know anything about it
19 out here. The schedulers are in the back though, and
20 so they might know something about it.

21 MECS/Jim: Help me find something out and let me
22 know will you?

23 MISO/Don Hunter: Okay. Where are you again,

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1 MECS, right?

2 MECS/Jim: Yeah.

3 MISO/Don Hunter: And what is your name?

4 MECS/Jim: Jim.

5 MISO/Don Hunter: Jim.

6 MECS/Jim: Okay.

7 MISO/Don Hunter: All right. I will give you a
8 call.

9 MECS/Jim: Thanks.

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1 **2003 08-14 CH22 Primary RC 1455 hrs.WAV**

2 MISO/Don Hunter: (Inaudible) this is Don.

3 PJM/Roger: This is Roger Coens at PJM.

4 MISO/Don Hunter: Hi, Roger.

5 PJM/Roger: Fucking AEP, it looks like they lost
6 south Canton star 345 line, and we are showing a
7 contingency for that line and the sammis Star line, and
8 one of them lost the other. Since they lost that line,
9 I was wondering if you could verify close on the Sammis
10 Star line for me at this time.

11 MISO/Don Hunter: Well, let's see what we I've
12 got. I know that First Energy lost their Juniper line,
13 too.

14 PJM/Roger: Did they?

15 MISO/Don Hunter: They are still investigating
16 that, too. So the Star Juniper line was overloaded.

17 PJM/Roger: Star Juniper.

18 MISO/Don Hunter: And they recently have got
19 that under control here.

20 PJM/Roger: And when did that trip? That might
21 have --

22 MISO/Don Hunter: I don't know yet. I am still
23 have -- I have not had that chance to investigate it.

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1 There is too much going on right now.

2 PJM/Roger: Yeah, we are trying to figure out
3 what made that one jump up on us so quick.

4 MISO/Don Hunter: It may be a combination of
5 both. You guys lost South Canton to Star.

6 PJM/Roger: Yes.

7 MISO/Don Hunter: And we lost Hanna to Juniper
8 it looks like.

9 PJM/Roger: Yes.

10 PJM/Roger: And we were showing an overload for
11 Sammis toStar for the South Canton to Star. So I was
12 concerned, and right now I am seeing AEP Systems saying
13 Sammis the Star is 1378.

14 MISO/Don Hunter: All right. Let me see. I
15 have got to try and find it here, if it is possible and
16 I can go from here to Juniper Star. How about 1109.

17 PJM/Roger: 1109?

18 MISO/Don Hunter: I see South Canton Star is
19 open, but now we are getting data of 1199, and I am
20 wondering if it just came after.

21 PJM/Roger: Maybe it did. It was in and out,
22 and it had gone out and back in a couple of times.

23 MISO/Don Hunter: Well, yeah, it would be no

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1 good losing things all over the place here.

2 PJM/Roger: All right. I just wanted to verify
3 that with you, and I will let you tend to your stuff.

4 MISO/Don Hunter: Okay.

5 PJM/Roger: Thank you, sir. Bye.

6 MISO/Don Hunter: Thank you. Bye.

7 * * * * *

8

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1 **2003 08-14 CH22 Primary RC 1504 hrs.WAV**

2 MISO/Tim Johns: This is Tim.

3 First Energy/Jerry: Tim, Jerry, ~~are~~ at First
4 Energy. How are you?

5 MISO/Tim Johns: All right.

6 First Energy/Jerry: Hey, we have got some
7 problems going on over here.

8 MISO/Tim Johns: Really?

9 First Energy/Jerry: Oh, yes. Some good ones,
10 too.

11 MISO/Tim Johns: What have you got?

12 First Energy/Jerry: Well, we have got our Star
13 South Canton line off at 345 KV.

14 MISO/Tim Johns: We show that.

15 First Energy/Jerry: And you show E. Lake
16 Juniper 345 KV is off?

17 MISO/Tim Johns: Saw that one.

18 First Energy/Jerry: And E. Lake 5 tripped off
19 this afternoon.

20 MISO/Tim Johns: Wait a minute. Wait a minute.
21 You have got a Samis What 345?

22 First Energy/Jerry: No, I'm sorry. Samis is
23 still on as far as I know.

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1 MISO/Tim Johns: Okay.

2 First Energy/Jerry: But the South Canton Star.

3 MISO/Tim Johns: South Canton Star?

4 SPEAKER: Yes.

5 MISO/Tim Johns: It that overloaded or out?

6 First Energy/Jerry: It is out.

7 MISO/Tim Johns: It is out. Okay. 345 and then
8 the Juniper what?

9 First Energy/Jerry: East lake Juniper.

10 MISO/Tim Johns: East lake juniper.

11 First Energy/Jerry: 345 and it looks like that
12 is off.

13 MISO/Tim Johns: All right.

14 First Energy/Jerry: And of course E. Lake 5,
15 the unit came off this afternoon.

16 MISO/Tim Johns: Right, I knew that one.

17 First Energy/Jerry: And Perry One is claiming
18 that they may be coming off and they can't hold it.

19 MISO/Tim Johns: Who?

20 First Energy/Jerry: Perry One, Perry Unit
21 Number 1.

22 MISO/Tim Johns: Perry One needs to come off.

23 First Energy/Jerry: It may. We don't know.

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1 They are trying to hold it and they can't make their-
2 they have a hard time maintaining voltage.

3 First Energy/Jerry: Okay.

4 MISO/Tim Johns: And that is 1,269 megawatts.

5 MISO/Tim Johns: Okay.

6 First Energy/Jerry: And let's see what else.

7 We have got about 306 KV at 345 at Star. We have no
8 idea what happened. Do you have any idea on what is
9 going on?

10 MISO/Don Hunter: I think what happened here is
11 that you guys lost the Samis or the South Canton Star,
12 and also the Hanna Juniper lines cameout at the same
13 time roughly.

14 First Energy/Jerry: So the Hanna Juniper line
15 is out also?

16 MISO/Don Hunter: I show the Hanna Juniper line
17 out earlier a moment ago, and I am wondering if it is
18 still out. Now, I called you guys a bit ago to find
19 out what was going on, because I saw--

20 First Energy/Jerry: We have no clue. Our
21 computer is giving us fits, too, and we don't know the
22 status of some of the stuff around us.

23 MISO/Don Hunter: I saw the Hanna Juniper line

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1 was out, and you were overloading. Let me see here.

2 MISO/Don Hunter: Star to Juniper.

3 MISO/Tim Johns: Yes, Star to Juniper. Yeah,
4 that is the way it was.

5 First Energy/Jerry: So Star to Juniper is being
6 overloaded.

7 MISO/Don Hunter: Well, it was. He brought that
8 thing down quite a bit. We are now at 525 megawatt of
9 flow, and we were at over 1100 and Hanna Juniper is
10 still out of service. You guys are aware of that,
11 right?

12 First Energy/Jerry: Maybe not. We will have to
13 (inaudible) to see what is going on, too.

14 MISO/Don Hunter: I called you guys like 10
15 minutes ago and I thought you were figuring out what
16 was going on there.

17 First Energy/Jerry: We are trying to. Our
18 computer is not happy and is not cooperating either.

19 MISO/Don Hunter: Okay.

20 First Energy/Jerry: But other than that, you
21 saw nothing else going around in the AEP territory?

22 MISO/Don Hunter: Well, we have problems in
23 Cinergy today with the few lines that did come out

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1 earlier. They have found the problems and are trying
2 to correct them now. But--

3 First Energy/Jerry: It shouldn't affect us.

4 MISO/Don Hunter: But they are pretty far away,
5 but they are having voltage problem similar to today,
6 and overall I can't get a big picture of what is going
7 on. We have been very busy all day, but I don't know
8 if it is just so humid out that so much air is on, and
9 just strange things are happening all at the same time
10 or what.

11 First Energy/Jerry: I don't know.

12 MISO/Don Hunter: Okay. I did get a call from
13 PJM a moment ago about this South Canton Star, and they
14 seemed to be loading up there.

15 First Energy/Jerry: All right.

16 MISO/Don Hunter: But I have not seen it load up
17 though. So I did verify the numbers and our numbers
18 are pretty good. They didn't know that Hanna Juniper
19 was out either. I don't know why you guys wouldn't
20 know that.

21 First Energy/Jerry: We should know it though.
22 Maybe our SCADA is giving us fits.

23 First Energy/Jerry: All right. Well, I will go

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1 back across to the control and see if we can find
2 something a little better.

3 First Energy/Jerry: Okay. Thanks.

4 MISO/Don Hunter: All right. Bye.

5 * * * * *

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1 **2003 08-14 CH22 Primary RC 1511 hrs.WAV**

2 MISO/Ron Goins: There he is.

3 MISO/Ron Goins: Hi, Doug.

4 Cinergy/Doug: Hey, we have been down for about
5 10 minutes now and they forget to call me and tell me,
6 and I just happened to notice it.

7 Cinergy/Doug: Okay. Do you have a direct line
8 so that I don't have to bug him?

9 MISO/Ron Goins: Actually, no. I have got an
10 office outside the control room, but--

11 Cinergy/Doug: Well, it is all right to call Tim
12 and --

13 MISO/Ron Goins: That's fine. That's fine.

14 Cinergy/Doug: So you guys are looking now and
15 we are just going to wait and see what is going on?

16 MISO/Ron Goins: Ask me that again? I'm sorry.

17 Cinergy/Doug: I mean, now that we are down
18 there are you just waiting to--

19 MISO/Ron Goins: Yeah, we are down a hundred
20 megawatts, and we are running a flow study right now.
21 I mean, I know that Spencer ~~was~~ worried about a steady
22 state voltage problem, and this was to address that and
23 so now we are going to take a look and see where we

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1 think everything is standing now that we have come down
2 a hundred. I also need to know where that hundred to
3 the east is.

4 Cinergy/Doug: He is going to get it to me, and
5 I will get it to you.

6 MISO/Ron Goins: Okay.

7 Cinergy/Doug: And if not, Mark Thieman will get
8 it to you later on.

9 MISO/Ron Goins: All right.

10 Cinergy/Doug: The other thing is that we did
11 bring on one of our Connorsville units.

12 MISO/Ron Goins: Connorsville. I know where
13 Connorsville, the city, is.

14 Cinergy/Doug: Well, I am assuming that the
15 units there, because the west side I have not a whole
16 lot there. But that and we have got the other one that
17 they are trying to get on. So that is going to give
18 you a little more relief besides what we changed.
19 Normally we don't run those, but (inaudible).

20 MISO/Ron Goins: Okay. All right. Right now we
21 will be in a holding pattern. We have had-- I can
22 tell you this. With First Energy, we just lost another
23 345 line, and now we are pretty sure that Cinergy- we

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1 lost three lines for First Energy.

2 Cinergy/Doug: Yeah.

3 MISO/Ron Goins: After this many tripping out,
4 now there are questions coming in, and could this
5 possibly be a man-made -- you know, is this terrorist,
6 or what is it.

7 Cinergy/Doug: You say First Energy lost two
8 lines?

9 MISO/Ron Goins: Yeah, I don't think it is
10 related at all either.

11 Cinergy/Doug: Okay. I mean, we are not
12 directly connect~~ed~~, but through Dayton.

13 MISO/Ron Goins: Okay.

14 MISO/Ron Goins: Okay. Yeah, they have lost 2
15 or 3 345 lines and maybe another one underneath, and so
16 we are kind of addressing two problems here, and now
17 people are starting to say is this coincidence or ~~what~~
18 that all of these went out.

19 Cinergy/Doug: Yeah, I don't blame you.

20 MISO/Ron Goins: What I wondered was is that the
21 line that you guys think will be back in an hour?

22 Cinergy/Doug: I am not sure. I have not called
23 my guys to get an update on exatly what is going on,

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1 because I know that they are busy and that is what I
2 was getting ready to do. Let me talk to them and I
3 will call you back and give you an update of what
4 exactly is going on with them.

5 MISO/Ron Goins: Okay. I appreciate it, Doug

6 Cinergy/Doug: Fine. Okay. Thanks, Ron.

7 MISO/Ron Goins: Thank you, Doug.

8 Cinergy/Doug: Bye.

9 * * * * *

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1 **2003 08-14 CH22 Primary RC 1514 hrs.WAV**

2 First Energy/Bill: Western, Bill Gross.

3 MISO/Don Hunter: This is Bill?

4 First Energy/Bill: Yeah.

5 MISO/Don Hunter: Hey, Bill, this is Don Hunter
6 MISO Carmel. You are Bill, right?

7 First Energy/Bill: I'm Bill Gross, yeah. Who
8 are you?

9 MISO/Don Hunter: This is Don Hunter MISO Carmel
10 . I was trying to call to find out if you guys found
11 out any information on the Hanna Juniper outage.

12 First Energy/Bill: As a matter of fact, I
13 talked with Britt over at Fairlawn, and he tells me
14 that we have a pole fire showing on Townsend Road off
15 of Brickswell Road, but the guy to talk to on that is
16 really Cliff, okay?

17 MISO/Don Hunter: Cliff?

18 First Energy/Bill: Yeah.

19 MISO/Don Hunter: Okay. Can you put me through
20 to him or tell me how to get a hold of him?

21 First Energy/Bill: You bet you. Hang on one
22 second, okay?

23 MISO/Don Hunter: Okay.

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1 (Pause.)

2 First Energy/Cliff: Systems, Cliff.

3 MISO/Don Hunter: Hi, Cliff, Don Hunter at MISO
4 Carmel. I noticed that we lost an inordinate amount of
5 lines here recently.

6 First Energy/Cliff: Yeah.

7 MISO/Don Hunter: And do you guys have ~~my~~ idea
8 what is happening?

9 First Energy/Cliff: No, not yet.

10 MISO/Don Hunter: You are still searching?

11 First Energy/Cliff: Are we ever.

12 MISO/Don Hunter: And do you know Hanna Juniper?

13 First Energy/Cliff: We know Hanna Juniper, and
14 we know we have a tree on that one for sure.

15 MISO/Don Hunter: You have a tree on Hanna
16 Juniper?

17 First Energy/Cliff: Yes.

18 MISO/Don Hunter: What is with the trees?

19 First Energy/Cliff: I don't now.

20 MISO/Don Hunter: Trees seem to be taking on a
21 lot of 345 lines there. Are they sagging or what?

22 First Energy/Cliff: Pardon? I would imagine
23 the lines were sagging today. It had to be with the

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1 load.

2 MISO/Don Hunter: Did you guys realize that line
3 was out of service?

4 First Energy/Cliff: (Inaudible) plus some
5 others going on in the same way. We have several 345s.

6 MISO/Don Hunter: Okay. The East Lakes Juniper
7 and South Canton Star?

8 First Energy/Cliff: South Canton Star, correct.

9 MISO/Don Hunter: And you don't know what caused
10 those yet?

11 First Energy/Cliff: Not yet.

12 MISO/Don Hunter: Okay I am just trying to
13 verify if this is a terrorist related thing, or if it
14 is a natural cause here, okay?

15 First Energy/Cliff: Okay.

16 MISO/Don Hunter: And Perry 1, you guys are
17 having trouble supplying voltage to one of the buses
18 out there?

19 First Energy/Cliff: I would imagine, yes.

20 MISO/Don Hunter: And do you know which bus that
21 was?

22 First Energy/Cliff: No.

23 MISO/Don Hunter: Okay. I would prefer ~~no~~ to

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1 lose Perry 1. That is a big nuke unit.

2 First Energy/Cliff: You and I both. That would
3 just about do it.

4 MISO/Don Hunter: If there is a need to call for
5 assistance, and purchase at all cost, please, let's try
6 and make that happen.

7 First Energy/Cliff: Okay.

8 MISO/Don Hunter: All right.

9 First Energy/Cliff: All right. Byebye.

10 MISO/Rob Benbow: Okay. What is First Energy
11 saying now?

12 MISO/Don Hunter: A tree took down Hanna
13 Juniper.

14 MISO/Rob Benbow: A tree did?

15 MISO/Don Hunter: A tree.

16 * * * * *

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2003 08-14 CH22 Primary RC 1520 hrs.WAV

MISO/Don Hunter: MISO Carmel, this is Don.

ATC/Steve: Don, this is Steve at ATC.

ATC/Steve: Is there something going on?

MISO/Don Hunter: We lost a 1200 megawatt, and we believe a nuclear throughout eastern Ohio here. We are having multiple lines trip.

ATC/Steve: Okay.

MISO/Don Hunter: We noticed that we flipped back and forth in a Eau ClairArpin and it is affecting the St. Paul area for some reason.

ATC/Steve: We have frequency alarms and all kinds of voltages came up, yes. They are immediate near us.

ATC/Steve: Okay. Bye.

* * * * *

1 **2003 08-14 CH22 Primary RC 1522 hrs.WAV**

2 MISO/Don Hunter: Carmel, this is Don.

3 ATC/Bruce: Don, this is Bruce.

4 MISO/Don Hunter: Hi, Bruce.

5 ATC/Bruce: I am looking at Arnold Vinton.

6 MISO/Don Hunter: I am looking at all kinds of
7 things.

8 ATC/Bruce: Yeah, what happened here?

9 MISO/Don Hunter: Something has happened that we
10 have lost -- it looks like some load, and possibly some
11 generation trip.

12 ATC/Bruce: Yeah, I think you lost some load
13 because the frequency and some generation must have
14 tripped somewhere, because I loaded up and just bang.

15 MISO/Don Hunter: So what I am recommending is
16 that we all control our generation here and let's get
17 things back in order, because we are starting to go
18 downhill quickly. It is across the board.

19 ATC/Bruce: Have you been in contact with
20 Alliant generation?

21 MISO/Don Hunter: I have not.

22 ATC/Bruce: Okay.

23 MISO/Don Hunter: So we have multiple overloads

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1 on your system right now.

2 ATC/Bruce: I know it.

3 MISO/Don Hunter: And that is the thing that is
4 showing up there.

5 ATC/Bruce: Okay.

6 MISO/Don Hunter: Whether you guys are supplying
7 -- I don't know whether the trip occurred or not. I
8 have no idea.

9 ATC/Bruce: Are you folks going to contact
10 Alliant generation in regard to the generation?

11 MISO/Don Hunter: I think I am going to have to
12 contact them, because something just went haywire in
13 your system.

14 ATC/Bruce: If you don't think we can do some
15 TLRs to try and bring this under control, or a
16 combination of the two. It looks to me like my Salem
17 transformer is up there, and Arnold Vinton, and that is
18 really the only bad ones that I see.

19 MISO/Don Hunter: I see Washburn, and--

20 ATC/Bruce: Yeah, but --

21 MISO/Don Hunter: And East Calamus, Arnold
22 Vinton. Salem Transformer, both of them. They are
23 showing up three times.

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1 ATC/Bruce: Well, why don't you contact the
2 Alliant generation, and then I will wait a while and
3 then I will talk to them also, and I will wait until
4 after you are done.

5 MISO/Don Hunter: I know that we are coming back
6 down, but we just had a major frequency disturbing
7 event.

8 ATC/Bruce: Yeah, I see that.

9 MISO/Don Hunter: It looks like you are combined
10 cycle unit 26 trip (inaudible) and that is not what we
11 care about.

12 ATC/Bruce: I will check with you later on and
13 see if we can find -- you know, see if you guys find
14 out what happened.

15 MISO/Don Hunter: Okay.

16 ATC/Bruce: But I will let you call Alliant if
17 you will right away.

18 MISO/Don Hunter: Okay.

19 ATC/Bruce: And then I will touch base with them
20 here after about another 10 minutes.

21 MISO/Don Hunter: Okay.

22 ATC/Bruce: All right.

23 MISO/Don Hunter: Thanks.

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1 ATC/Bruce: Thanks.

2 MISO/Don Hunter: I am trying to call Alliant to
3 tell them to get their generation under control.

4 * * * * *

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1 **2003 08-14 CH22 Primary RC 1526 hrs.WAV**

2 MISO/Rob Benbow: This is the Midwest ISO.

3 Please hold.

4 (Simultaneous conversation, inaudible).

5 MISO/Rob Benbow: Okay. This is the Midwest ISO.

6 We have initiated a NERC hotline call. Is NERC on?

7 Hello.

8 MISO/Rich Cobb: MISO-St. Paul on.

9 MISO/Rob Benbow: MISO-St. Paul. Who is this?

10 MISO/Rich Cobb: This is Rich.

11 MISO/Rob Benbow: Rich.

12 SPEAKER: IMO.

13 MISO/Rob Benbow: Okay. IMO. Do we have

14 anybody on from Maine?

15 SPEAKER: Yep. MAIN is here.

16 SPEAKER: MAIN is here.

17 SPEAKER: Jim Orlando.

18 MISO/Rob Benbow: Okay. Jim. PJM? Is PJM on?

19 TVA? Is NERC on?

20 MISO/Rob Benbow: Hello?

21 SPEAKER: ISO.

22 SPEAKER: ERCOT here.

23 SPEAKER: (Inaudible) here.

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1 MISO/Rob Benbow: All right. ECAR. There is
2 probably nobody on from there. PJM. Is there anybody
3 else on that I have not called?

4 SPEAKER: (Inaudible) VACAR North.

5 MISO/Rob Benbow: VACAR North.

6 SPEAKER: Southwest Power Pool.

7 MISO/Rob Benbow: Southwest Power Pool.

8 MISO/Rob Benbow: VACAR South.

9 MISO/Rob Benbow: ISO New England.

10 MISO/Rob Benbow: Entergy.

11 MISO/Rob Benbow: Okay. This is Rob Benbow here
12 at Midwest ISO reliability coordinator. Okay. We are
13 experiencing multiple outages, and First Energy,
14 Cinergy, and apparently DTE, which is part of the MECS
15 control area. First of all, we want to know if anybody
16 else is experiencing any problems to start with?

17 SPEAKER: At New England, we are falling apart.

18 MISO/Rob Benbow: New England is falling apart?

19 SPEAKER: Yes.

20 MISO/Rob Benbow: With outages?

21 SPEAKER: We have outages, and we have power
22 lines out, and we have generators tripping.

23 SPEAKER: Because of the swings.

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1 SPEAKER: We are swinging. Anybody else have
2 any problems?

3 SPEAKER: VACAR North, we are seeing the swings,
4 and we are hanging on. We have not lost any lines or
5 units.

6 MISO/Rob Benbow: Okay.

7 SPEAKER: MAIN is seeing the swings, but
8 everything is hanging.

9 MISO/Rob Benbow: Okay.

10 SPEAKER: And we are seeing the swing as well.

11 MISO/Rob Benbow: Okay. New England, ISO. I
12 mean, we started out with some 345lines outages in the
13 Cinergy area, and we just learned that-- well, First
14 Energy had lost 3 345 KB lines, and then it looks like
15 DTE control area has maybe collapsed due to those
16 voltage collapse.

17 Hold on here one second. Okay. We are seeing
18 right now Albany, New York, Detroit, Cleveland. I got
19 the NERC hotline here calling.

20 VACAR North/Paulette: This is Paulette VACAR
21 North.

22 MISO/Rob Benbow: Yes.

23 VACAR North/Paulette: I was wondering if we had

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1 any reason to believe that there was any sabotage or
2 anything with unit losses?

3 MISO/Rob Benbow: Not that I know of. At first
4 that is what we kind of suspected. We were trying to
5 verify the cause of some of these outages. A tree
6 happened to be in one of the First Energy lines. We do
7 have that confirmed, and it appears that tree was in
8 the Cinergy line, too.

9 VACAR North/Paulette: Okay.

10 MISO/Rob Benbow: No sabotage at this point has
11 been reported to us.

12 VACAR North/Paulette: Okay. One more question
13 I had for you. Does it make sense for us to ~~go~~ back
14 on 60 perk in this time direction?

15 MISO/Rob Benbow: Yeah, we should end the time
16 correction.

17 MISO/Rich Cobb: I think that would be an
18 excellent idea.

19 MISO/Rob Benbow: Can you take care of that,
20 Rich?

21 MISO/Rich Cobb: Yes, I will do it forthwith
22 since we are going to need to end it all, and I will
23 just get my data gathered while this call is still

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1 going on, and I will call.

2 MISO/Rob Benbow: Well, okay. Let's go ahead
3 with a time correction. Now, that will probably keep
4 all of your control areas notified of all of the
5 outages, as they probably are by now.

6 MISO/Rich Cobb: Well, I have not notified
7 everybody yet.

8 MISO/Rob Benbow: I would think right now, too,
9 and I don't know why
10 -- nobody is on from the NERC still? Okay. We need to
11 call them and I don't know if they can actually join
12 the call after it has started or not. If you need to
13 call only one --

14 MISO/Tony Rowan: Hey, Rob?

15 MISO/Rob Benbow: Yes.

16 MISO/Tony Rowan: This is Tony from St. Paul.
17 We just got an (inaudible) from Manitoba that Ontario
18 hydro is in real bad shape. They didn't give us any
19 Manitoba hydro information. They just said they are in
20 bad shape, real bad. Manitoba hydro.

21 MISO/Tony Rowan: They said Ontario is.

22 MISO/Rob Benbow: Ontario.

23 MISO/Rob Benbow: Okay. Ontario hydro. Okay.

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1 We don't know how widespread the outage is. Would you
2 know that?

3 SPEAKER: Midwest ISO.

4 MISO/Rob Benbow: This is the Midwest ISO. Who
5 is this?

6 SPEAKER: This is PNSC. We are monitoring this
7 conversation also. The Pacific Northwest Security
8 Coordinator.

9 MISO/Rob Benbow: Okay.

10 SPEAKER: It sounds like you probably have a
11 regional problem we are stable in this area.

12 SPEAKER: Rob?

13 MISO/Rob Benbow: Yeah.

14 MISO/Rich Cobb: I am ready to end this time
15 correction. Let me just go through all the companies
16 again real quick like, okay?

17 MISO/Rob Benbow: Okay. Go ahead and so that.

18 MISO/Rich Cobb: FPL.

19 SPEAKER: FPL here.

20 MISO/Rich Cobb: PJM?

21 SPEAKER: They are shook up. They are not here.

22 MISO/Rich Cobb: Okay. MAIN. Okay. Carmel,
23 you've got it?

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1 SPEAKER: Yes.

2 MISO/Rich Cobb: First Energy on?

3 MISO/Rob Benbow: NERC is not on.

4 MISO/Rich Cobb: Imo? New England? New York?

5 TVA? Southern? VACAR South?

6 VACAR North/Paulette: VACAR South.

7 MISO/Rich Cobb: VACAR North?

8 VACAR North/Paulette: VACAR North.

9 MISO/Rich Cobb: Entergy.

10 SPEAKER: Entergy here.

11 MISO/Rich Cobb: Southwest Power Pool.

12 SPEAKER: Southwest Power Pool here.

13 MISO/Rich Cobb: Let's end the time correction
14 (inaudible) and put your frequencies back to 60 at 1545
15 or as soon as you can, and then we will try to get a
16 hold of the companies that didn't respond. Thank you.

17 SPEAKER: Okay. 1545.

18 MISO/Rich Cobb: Yeah.

19 VACAR North/Paulette: Okay. Thank you. Are we
20 done with this now? That is 450 frequency positive
21 error. If anyone could still have a sense of humor, I
22 wanted to tell you that if you wanted to know what was
23 going on, just watch CNN. I guess they know

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1 everything. Ha ha.

2 MISO/Rich Cobb: That is sad but true. They
3 seem to always know what is going on.

4 VACAR North/Paulette: And this is VACAR North.
5 I wondered if I could help you. I could call PJM or
6 something to let them know about the time correction.

7 MISO/Rich Cobb: That would be great.

8 VACAR North/Paulette: Okay. I will call PJM.

9 MISO/Rich Cobb: Okay. Very good. Thank you.

10 MISO/Rob Benbow: Okay. Did you get everything
11 that you needed to on th~~a~~, Rich?

12 MISO/Rich Cobb: Well, I am going to have some
13 companies called that didn't respond, but--

14 MISO/Rob Benbow: Okay.

15 MISO/Rob Benbow: I guess I would just go ahead
16 and go ahead and do that. Since we don't have NERC on,
17 I am going to have to g~~e~~ off and give them a call and
18 get them up to speed.

19 MISO/Rich Cobb: Okay.

20 MISO/Rob Benbow: I guess we will initiate
21 another one if we find out anything more. If anybody
22 else experiences the same problems, I guess we should
23 do the same.

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1 MISO/Rich Gobb: Yes.

2 MISO/Rob Benbow: And I would just keep an eye
3 out, and I would probably sit there and take a good
4 look, too, at security for your areas. All right.
5 This is Midway ISO off.

6 SPEAKER: Thank you.

7 MISO/Rob Benbow: Bye.

8 MISO/Tim Johns: This is Midway ISO. This is
9 Tim.

10 Cinergy/Doug: Yeah, Tim, this is Doug over at
11 Cinergy.

12 MISO/Tim Johns: Yes, sir.

13 Cinergy/Doug: That Stewart unit we lost because
14 of the frequency going high and it overspeed took it
15 out.

16 MISO/Tim Johns: Stewart you lost because of
17 over-freq.

18 Cinergy/Doug: Yes, sir.

19 MISO/Tim Johns: All right.

20 Cinergy/Doug: Okay.

21 MISO/Tim Johns: Thank you.

22 Cinergy/Doug: Bye.

23 * * * * *

24

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1 **2003 08-14 CH22 Primary RC 1539 hrs.WAV**

2 NERC: This is NERC trying to call to get some
3 info. We are getting all kinds of calls from
4 Washington and what not, and maybe we can share
5 something here as to what is going on, and what I know
6 so far is this. That there is major outage in the
7 Detroit area, and that there have been some outages in
8 the New Jersey area. We had a momentary outage here,
9 and our power is on.

10 IMO/Dal: This is Dal North from the IMO in
11 Ontario. We have got part of our system is down, and
12 we have got potential in the Niagaa area with
13 hydraulic generators spinning there carrying some load,
14 and beginning a restoration. And also in the St.
15 Lawrence area, we are beginning to get some restoration
16 at that point.

17 Northwestern Ontario is still attached to
18 Manitoba, and from all accounts, Manitoba sounds to us
19 to be stable, and we are trying to build back from
20 there as well.

21 NERC: Okay. Did you experience outage in
22 Ontario?

23 IMO/Dal: Yes, we have a large portion of

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1 Ontario is down, and it looks like most of our nuclear
2 units shut down as well at this point. We are in the
3 process of putting our restoration plan in effect, and
4 like I said, we are building back from the two pockets
5 of generation that we have towards the nuclear plants,
6 as well as building back from Manitoba towards Southern
7 Ontario.

8 NERC: All right. Thank you, IMO. How about
9 New York power pool? What have you got up there? New
10 York? PJM, what have you got?

11 SPEAKER: Hold on one second.

12 SPEAKER: PJM is here. We had at the time of
13 the disturbance, we had our system overdose 61,500 and
14 apparently we have a system load of 56,350 and so it
15 appears we lost approximately 5,000 megawatts of load,
16 and it is limited to the Northeastern portion of our
17 system.

18 Public service in particular, and right now
19 there are some transmission lines that are out as well.

20 We have not had an internal assessment (inaudible) and
21 as soon as we have that, conference call is scheduled
22 for another 10 minutes.

23 NERC: Okay. Thank you. MISO, Carmel. What

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1 have you got?

2 MISO/Rob Benbow: This is MISO, Carmel. We did
3 initiate a call there just a little bit ago. We do
4 know that DTE is out and we have had multiple outages
5 in Cinergy starting at 11 o'clock, and that seemed to
6 be related to a tree in the 345 line there. We also
7 have multiple lines in First Energy that tripped, and
8 it ended up being a tree on a 345 line, and that was
9 reported to us by First Energy.

10 And they were also experiencing some voltage
11 problems around the Perry Nuclear Plant, and we are in
12 jeopardy of losing that unit. Right now we are trying
13 to confirm that that unit is-- hold on.

14 Okay. First Energy is now reporting the only
15 units that they have on line in their area are Beaver
16 and 2, Mansfield, 1, 2, and 3; Sammis 1, 2, 4, 5, 6,
17 and 7. So that would indicate that Perry Nuclear Plant
18 is off.

19 NERC: Okay. Thank you, MISO. How about St.
20 Paul, MISO St. Paul?

21 MISO/Rob Benbow: MISO, St. Paul, are you on
22 there? They were okay when I talked to them earlier.
23 They did experience some voltage (inaudible) there,

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1 but everything is stable up there. That was it.

2 NERC: How about ISO New England?

3 SPEAKER: Yeah, we lost quite a bit of load in
4 Connecticut. We are not sure yet how much in allotted
5 generation tripped off and our tie lines to New York
6 are all open, except for a small 115 line.

7 NERC: Okay. Now, did this all occur at
8 approximately 4:25? I thought I heard somebody say
9 something about 11 o'clock?

10 NERC: We started in -- this is MISO. We
11 started in Cinergy a little bit after 11 o'clock, just
12 with an outage there that ended up being like 345 and a
13 230 KV line, and then the big outage that shot the
14 frequency up here happened at right around a quarter
15 after 3:00.

16 SPEAKER: A quarter after 3:00 central daylight.

17 SPEAKER: Central time, yes.

18 NERC: So ISO New England. Is New York power
19 pool on yet? ISO New York? We have heard from PJM.
20 Go down to TVA.

21 SPEAKER: TVA has got all units on line that
22 were previously on line and the load appears to be
23 unaffected. We are okay.

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1 NERC: How about Southern Company? Emergency
2 Coordinator.

3 SPEAKER: Repeat that.

4 NERC: Southern Company. How about VACAR South?

5 SPEAKER: VACAR South is stable at this
6 particular time. We did see the swing, however.

7 NERC: You saw the swing, but you are stable.
8 How about VACAR North?

9 SPEAKER: We are stable, and we are seeing the
10 swings, but we have survived it and we are stable.

11 NERC: And Entergy, do you see anything down
12 there?

13 SPEAKER: No, sir, we are not experiencing any
14 problems, and we are seeing th frequency swings, but
15 we have not lost any units and we are in good shape
16 right now.

17 NERC: Southwest Power Pool.

18 SPEAKER: Everything seems to be fine here. We
19 are just seeing the frequency bounce a little bit, but
20 we are hanging in there.

21 NERC: Okay. Anybody out in the west see
22 anything at all?

23 SPEAKER: This is Rocky Mountain. Everything

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1 here is stable and we have not seen anything.

2 NERC: Okay. How about ERCOT? Do you guys see
3 anything down there?

4 SPEAKER: ERCOT. We are stable and didn't see a
5 thing.

6 NERC: And you are okay down there?

7 SPEAKER: We are fine. We have seen the spike,
8 but all is well.

9 SPEAKER: Pacific Northwest is stable also.

10 NERC: How about MAIN?

11 SPEAKER: MAIN is stable, and we have seen all
12 the swings, but everything held together.

13 NERC: And who have I missed?

14 SPEAKER: California ISO is stable.

15 NERC: Have I missed anybody else? So it
16 appears to be isolated to outages in and around the
17 Great Lakes, and in and around Detroit, which has seen
18 obviously outages and outages in New York, and we
19 don't know that for sure. We have seen outages in
20 Ontario, and we have seen outages in Connecticut.

21 So it appears to be -- and Lake Erie, we have
22 already had it in and around that region. Beyond that,
23 when we get much beyond that into the other regions, it

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1 appears that things are okay. The ECAR region has
2 been hit pretty hard, and ECAR MAC, NPCC. Does anybody
3 have anything else?

4 SPEAKER: It is IMO calling. When we were
5 talking to New York very briefly earlier, he said he
6 had a number of multiple outages and load losses in his
7 area, but he didn't say he was flat. So I don't know
8 where he is exactly, but he did have significant
9 problems there.

10 NERC: Okay. Folks, what we will do is-- does
11 anybody else have anything?

12 SPEAKER: There was some (inaudible).

13 NERC: Fire is apparently to (inaudible) fires
14 in the crown edge system and that is information that
15 we have gotten off the news. We will do a conference
16 call again on this same thing and we will let an hour
17 go by, and unless something comes up in the meantime,
18 one hour we will do another conference call to keep
19 everybody up to date.

20 SPEAKER: Any time on that?

21 NERC: We will do it at 17:45.

22 SPEAKER: 1745 eastern.

23 NERC: And anything you have on the RCIS.

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1 SPEAKER: Okay.

2 NERC: Thank you very much everyone.

3 SPEAKER: Thank you.

4 SPEAKER: Thank you.

5 * * * * *

6

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1 **2003 08-14 CH22 Primary RC 1549 hrs.WAV**

2 MISO/Tim Johns: Midwest ISO. This is Tim.

3 ATC/Steve: Hi, Tim. This is Steve, ATC
4 Pewaukee.

5 MISO/Tim Johns: Hi, Steve.

6 ATC/Steve: Do we have any problems in the MISO
7 footprint that we need to be aware of?

8 MISO/Tim Johns: Well, I guess it would be
9 easier to tell you where we don't have. They are all
10 over the place. We got hammered.

11 ATC/Steve: I know we did, but flows and things.

12 MISO/Tim Johns: No, we got hammered. FE got
13 hammered, MECSX got hammered.

14 MISO/Tim Johns: Okay. I mean, I have got a
15 roomful of people here, and we are still trying to
16 figure out where we are going to go from here.

17 ATC/Steve: When you say hammered, you mean they
18 lost?

19 MISO/Tim Johns: Oh, yeah.

20 ATC/Steve: They are down?

21 MISO/Tim Johns: Big time. Well not completely
22 down, but they got hammered pretty good.

23 ATC/Steve: Okay.

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1 MISO/Tim Johns: All right.

2 ATC/Steve: All right.

3 * * * * *

4

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1 **2003 08-14 CH22 Primary RC 1551 hrs.WAV**

2 MISO/Tim Johns: Midwest ISO. This is Tim.

3 MISO/John Jenkins: Hey, Tim, this is John.

4 MISO/Tim Johns: Yes, sir.

5 MISO/John Jenkins: Hey, is this big power
6 outage affecting Detroit?

7 MISO/Tim Johns: Yes, sir.

8 MISO/John Jenkins: What else?

9 MISO/Tim Johns: FE.

10 MISO/John Jenkins: FE?

11 MISO/Tim Johns: Yeah, they have only got like-
12 - they lost like 7,000 megawatts of load. They have
13 only got like seven units on.

14 MISO/John Jenkins: Okay.

15 MISO/Tim Johns: And do you think you can come
16 on in?

17 MISO/John Jenkins: Well, we called Mike, and he
18 came in.

19 MISO/Tim Johns: Okay.

20 MISO/John Jenkins: So we have got Mike, and we
21 have a control room full of people.

22 MISO/Tim Johns: Okay. I mean, it is up to you.
23 I am not going to tell you know, but I think we have

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1 pretty much got it in hand right now.

2 MISO/John Jenkins: Okay. All right?

3 MISO/Tim Johns: All right. Thanks.

4 MISO/John Jenkins: Thanks, buddy.

5 MISO/Tim Johns: Bye.

6 MISO/Tim Johns: Midwest ISO, this is Tim.

7 MISO/Scott Hines: Hey, Tim. This is Scott.

8 MISO/Tim Johns: Yes, sir.

9 MISO/Scott Hines: Are you guys real busy right
10 now?

11 MISO/Tim Johns: A little bit. What have you
12 got, buddy?

13 MISO/Scott Hines: I just wondered what was
14 going on. I saw on the news where--

15 MISO/Tim Johns: We are just where everyone is
16 elbows and assholes.

17 MISO/Scott Hines: Is that right?

18 MISO/Tim Johns: Oh, yeah.

19 MISO/Scott Hines: Okay.

20 MISO/Tim Johns: All right. We will see you.

21 MISO/Scott Hines: Take it easy, buddy.

22 MISO/Tim Johns: Bye.

23 * * * * *

24

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1 **2003 08-14 CH22 Primary RC 1555 hrs.WAV**

2 SPEAKER: Cameron.

3 SPEAKER: Cameron's here.

4 SPEAKER: ATC.

5 SPEAKER: ATC is here.

6 SPEAKER: ATC (inaudible) is here.

7 SPEAKER: Yes. CE.

8 SPEAKER: CE is here.

9 SPEAKER: Cameron.

10 (Simultaneous conversations inaudible).

11 SPEAKER: Cameron is here for Social as well.

12 SPEAKER: CWLD.

13 SPEAKER: CWLD is here.

14 SPEAKER: CWLP.

15 SPEAKER: CWLP is here.

16 SPEAKER: Duke.

17 SPEAKER: Duke is here.

18 SPEAKER: EEI.

19 SPEAKER: EEI.

20 SPEAKER: Illinois Power.

21 SPEAKER: Illinois Power is here.

22 SPEAKER: MAIN is here. Madison Gas and

23 Electric.

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1 SPEAKER: Madison Gas and Electric is here.

2 SPEAKER: MISO Carmel.

3 SPEAKER: MISO Carmel is here.

4 SPEAKER: MISO St. Paul.

5 SPEAKER: MISO St. Paul is here.

6 SPEAKER: PJM West.

7 SPEAKER: PJM West is here.

8 SPEAKER: SIPC?

9 SPEAKER: Here.

10 SPEAKER: Southwest Power Pool.

11 SPEAKER: Southwest Power Pool here.

12 SPEAKER: TVA.

13 SPEAKER: TVA is here.

14 SPEAKER: We Energy.

15 SPEAKER: We Energy is here.

16 SPEAKER: WPS.

17 SPEAKER: WPS is here.

18 NERC: All right. That concludes the roll call.

19 We just wanted to check with our members and make sure
20 that something is not happening that we don't know
21 about. I know that you are all out there scrambling
22 right now, and we need to keep up, too. Has anyone see
23 anything that --

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1 NERC: Let me give you a quick rundown of what I
2 know, is that fires are going out in New York right
3 now, and as near as we can tell, what started
4 everything was three 345 lines at First Energy, and
5 then Cinergy lost a 345 line, and from there things
6 started to cascade, and the DTE control area is just
7 about all dark to voltage collapse, and they have a few
8 small units on, and that's it.

9 And New York and Toronto got hit pretty hard.
10 New Jersey is out and hit hard, and basically out. St.
11 Lawrence. Did anything else other than that go on that
12 I didn't see?

13 MISO/Rob Benbow: Yeah, this is Rob here at the
14 MISO Carmel office.

15 SPEAKER: Yeah, Rob.

16 MISO/Rob Benbow: The Cinergy outage probably
17 happen around 11 o'clock. I am pretty sure it is an
18 isolated situation, and right there at the time that
19 the frequency went through the roof is probably where
20 First Energy -- I know that it was right around that
21 time that First Energy reported 3 345 lines out and a
22 voltage collapse situation there around Perry Nuclear
23 Plant.

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1 SPEAKER: I had seen a big voltage spike about
2 like 3:05, and then it was like about five minutes
3 later when the second one hit.

4 MISO/Rob Benbow: Right. And I would agree.

5 SPEAKER: I am guessing that first one was
6 probably the 345 line out in First Energy?

7 MISO/Rob Benbow: Yeah, we are trying to go
8 through all of the alarms.

9 SPEAKER: I hate to bother you with this, ~~ut~~ I
10 needed to call.

11 MISO/Rob Benbow: That's no problem. Were you
12 guys on the NERC hotline call?

13 SPEAKER: Yeah, we were. We were.

14 MISO/Rob Benbow: Okay.

15 SPEAKER: And as to that prior problem, we were
16 only on for half, and we got dropped off for some
17 reason, and our phone dropped out, and so we missed
18 half of it.

19 MISO/Rob Benbow: Okay. That is why we
20 initiated this. I just saw another NERC hotline call
21 and I went to get it, and it disconnected, and so I
22 don't even know if there was one taking place and we
23 just didn't grab it fast enough or not.

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1 SPEAKER: Maybe. There is going to be another
2 one, and I can tell you this.

3 MISO/Rob Benbow: At about quarter--

4 SPEAKER: That's right. At about 45 minutes
5 from now.

6 MISO/Rob Benbow: Right. I would say to all
7 control areas that they should be prepared for blackout
8 conditions, and do whatever it takes, or do whatever it
9 appropriate to maintain voltage levels, and generation
10 would be available.

11 SPEAKER: That's correct. Also, during this
12 time I know that some of your control areas, you have
13 seen your ACEs pick up, and that would be right. That
14 would be a correct response for the bias, because that
15 is going to make it a lower generation. So if you see
16 your areas pick up, that was a correct ~~resp~~ response to what
17 was happening.

18 If for some reason your ACEs went down, that
19 was that your bias was not set right. That is a good
20 test for everybody's bias. Okay.1 That is about it.

21 SPEAKER: This is Lenny Nicholas at Atlas Power
22 Pool. Can I get a darification on a statement that
23 was made just a little while ago?

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1 SPEAKER: Which one?

2 SPEAKER: Somebody said something about it being
3 an isolated event.

4 MISO/Rob Benbow: I believe that was the MISO
5 security coordinator in regards to a Cinergy outage and
6 that is not in regards to what this call is really
7 about.

8 SPEAKER: Oh, okay.

9 MISO/Rob Benbow: Ray, basically Cinergy did
10 have -- we did have a 345 line and that basically came
11 out and I think they had a tree in the conductor, and a
12 230 KB line basically failed when it overloaded and it
13 failed on there, and it tripped, and it caused a lot of
14 loads in that area right there.

15 And we are trying to mitigate that, and that
16 happened around
17 -- a little bit after 11 o'clock, 11:11 or 11:15. And
18 then once we were sitting there trying to get a good
19 hand on that, then these other outages started coming
20 in from First Energy. It is probably a 2 or 3 hours
21 difference, and so that's why -- I know that it was
22 brought up, but I think they are isolated events.

23 SPEAKER: Okay. Thanks.

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1 SPEAKER: After (Inaudible) 3 345 KV lines
2 opened at First Energy, what was the next event?

3 MISO/Rob Benbow: Right now it is really hard to
4 say what the next event was. It looks like we did see
5 Perry have several breakers come open at Perry, but we
6 don't know if they were the unit breakers, but it looks
7 like we lost Perry Nuclear Plant and that is about 1200
8 megawatts worth of generation there.

9 And from that point on, it is really hard to
10 say, because we really have not gotten through all the
11 alarms or trying to put down the events, in a sequence,
12 so that we can establish exactly what happened.

13 SPEAKER: Is anyone from New York on this line?
14 Did anything initiate in New York? That was one of
15 the questions asked.

16 MISO/Rob Benbow: Yeah, New York is not on this
17 list. I think they did experience problems in New York
18 around the Lake Erie area though.

19 SPEAKER: CNN is saying it is the Niagara grid
20 that has caused the whole thing.

21 SPEAKER: They ought to know.

22 SPEAKER: Well, we will blame them, too.

23 SPEAKER: We might as well.

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1 SPEAKER: Is anybody's frequency still pretty
2 high?

3 SPEAKER: Yes.

4 SPEAKER: Yes.

5 SPEAKER: Yes.

6 MISO/Rob Benbow: It is going higher right now,
7 yeah.

8 SPEAKER: And it is here, too, in Illinois.

9 SPEAKER: It is between 60.03 and 08 for about
10 the last 20 minutes.

11 SPEAKER: And in Wisconsin, we are running 60.70
12 right now.

13 SPEAKER: That sounds about right.

14 SPEAKER: Yeah. We are seeing that here, too.

15 SPEAKER: And we are experiencing the same
16 thing.

17 SPEAKER: If everyone else is done, I guess we
18 can end this call, unless anybody else wants to catch
19 up on something.

20 MISO/Rob Benbow: No, I will just say we will
21 keep everybody up to date through the RCIS as far as
22 reliability coordination, and through to our control
23 areas through our messaging system.

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1 SPEAKER: That sounds like a winner.

2 MISO/Rob Benbow: All right. Sounds good,
3 thanks.

4 SPEAKER: Thank you for all your time.

5 SPEAKER: Thank you.

6 MISO/Rob Benbow: This is Rob here at the MISO.

7

8 LGEE/MIKE: Hello, Rob, this is Mike Toll with
9 LG&E.

10 MISO/Rob Benbow: Mike Kohl?

11 LGEE/MIKE: Mike Toll, FO-L-L. I am the
12 manager of Transmission Planning in Substations.

13 MISO/Rob Benbow: Okay.

14 LGEE/MIKE: My management has heard that there
15 is things going on, and they have asked me to get some
16 information regarding what possiblerisks that we may
17 have.

18 MISO/Rob Benbow: All right. Right now we are
19 - problems seem to be around the Lake Erie area. There
20 have been multiple outages and multiple generation off
21 line, and loss of load. Right now we are taking a look
22 at all of our control areas and seeing if they have
23 experienced any problems.

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1 Most of it seems to be Northern Ohio, around the
2 Lake Erie area. We did have some problems here in
3 Cinergy, which I think were impacting some of the LG&E
4 stuff, but that was around 11 o'clock, I believe. And
5 I guess right now we are just letting everybody know
6 that they need to take appropriate actions to maintain
7 voltage, and just be very alert to what is going on
8 around there.

9 LGEE/MIKE: Okay.

10 MISO/Rob Benbow: Right now we do notice ~~that~~
11 the frequencies -- I don't know. It is climbing high
12 and coming back down it looks like right now.

13 LGEE/MIKE: Yeah, that's what we saw and saw it
14 go to (inaudible) and it seems to be settling down.

15 MISO/Rob Benbow: Right. So I would-- are you
16 guys experiencing any other problems right now, or have
17 you had anything trip or relay out of service, or any
18 loss of generation, I guess?

19 LGEE/MIKE: Not to my knowledge. I am not in
20 the operating area, but I just talked to them before I
21 called you, and said that no generation tripped, and no
22 lines overloaded. In fact, we had some heavily loaded
23 lines and they backed down. MISO/Rob Benbow: Right.

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1 LGEE/MIKE: And coming back to where they are.

2 MISO/Rob Benbow: Okay.

3 LGEE/MIKE: So our concern was more from outside
4 of us, and it sounds like you are not experiencing a
5 lot of transmission overloads or that type of thing
6 that we should be worried about here in Kentucky.

7 MISO/Rob Benbow: Right. There is nothing that
8 seems to be alerting us down in the LG&E area or
9 anything like that. It seems to be north of you guys,
10 and really the problem seems to be subsided and things
11 are coming back to normal, though we do have a lot of
12 outages out there.

13 LGEE/MIKE: All right. Okay. I know that you
14 are very busy, and hopefully this will satisfy them.
15 And thank you very much.

16 MISO/Rob Benbow: All right. We will probably
17 be talking with each of the control area operators here
18 shortly, and try to keep everybody up to date on the
19 messaging system, and exactly what is going on. And
20 try to keep you informed, and if you have anything to
21 report, please feel free to call us.

22 SPEAKER: All right.

23 MISO/Rob Benbow: All right, Mike, I appreciate

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1 it.

2 LGEE/MIKE: Thank you.

3 MISO/Rob Benbow: Goodbye.

4 * * * * *

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