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2003-08-14 CH22 Primary RC 1623hrs.WAV

MISO/Rob Benbow: MISO this is Rob.

MISO/Dave Dieser: Is Bret over there?

MISO/Rob Benbow: Is Bret Wengen down there?

SPEAKER: He will be right back.

MISO/Rob Benbow: He went to the office and said
he would be right back, Dave.

MISO/Dave Dieser: Okay. Thanks.

MISO/Rob Benbow: All right. Bye.

* * * * *

1 **2003 08-14 CH22 Primary RC 1624hrs.WAV**

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

3 Cinergy/Mark: Hey, Rob, this is Mark from
4 Cinergy.

5 MISO/Rob Benbow: Hey, Mark.

6 Cinergy/Mark: Hey, I have an update on that 345
7 line that is for Gibson.

8 MISO/Rob Benbow: Right.

9 Cinergy/Mark: Should be back hopefully in about
10 15 minutes.

11 MISO/Rob Benbow: Okay. What took it out for
12 sure?

13 Cinergy/Mark: A tree.

14 MISO/Rob Benbow: A tree?

15 Cinergy/Mark: Yes.

16 MISO/Rob Benbow: Okay. Great.

17 Cinergy/Mark: And hopefully like I said, when
18 it comes back, we will go ahead and give you guys a
19 call and let you know.

20 MISO/Rob Benbow: Okay. I appreciate it.

21 Cinergy/Mark: What do you guys know about what
22 happened up in the east? Do you guys know anything?

23 MISO/Rob Benbow: All we know is that we had

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1 some 345 lines trip out from First Energy and we have
2 multiple outages, a large spread, that cascaded around
3 the Lake Erie area, and then in Detroit, First Energy
4 in New York, Ontario, New England ISO, all have
5 experienced some big problems.

6 Cinergy/Mark: Okay. I will let you know when
7 it comes back.

8 MISO/Rob Benbow: All right. Thanks, man.

9 Cinergy/Mark: All right. Thanks, Rob.

10 * * * *

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1 **2003 08-14 CH22 Primary RC 1625 hrs.WAV**

2 MISO/Rob Benbow: Midwest ISO this is Rob.

3 Cinergy/Steve: Rob, Steve at Cinergy.

4 MISO/Rob Benbow: Hey, Steve.

5 Cinergy/Steve: I just talked to Tag over at the
6 generation area, and he wants to know do you want them
7 to bring on the Woodsdales and lea~~w~~ them at minimum
8 for peaking units?

9 MISO/Rob Benbow: I guess we are telling
10 everybody that they should be prepared to maintain
11 their voltages and maintain their generation, because
12 we really don't -- it seems to be isolated and back to
13 normal, but we really don't know the exact cause and we
14 are going to have another call here in maybe 15
15 minutes, and try to see if we have any more news that
16 might let us know what is going on, and then we will
17 keep you guys up to date.

18 I guess -- well, is Woodsdale on r~~igh~~t now? Or
19 I know it was on I know earlier.

20 Cinergy/Steve: I am just walking in the door
21 here on this stuff. So--

22 MISO/Rob Benbow: I guess I would sit there and
23 -- and we will try and give you an update later, but if

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1 you have it on, and if you have to shut it off and
2 there is downtime, then I would try to keep it at
3 minimum until we establish what is going on.

4 Cinergy/Steve: Okay.

5 MISO/Rob Benbow: That would be my suggestion.

6 Cinergy/Steve: Okay. I will talk with him
7 about it.

8 MISO/Rob Benbow: Okay. I don't think--

9 Cinergy/Steve: If you don't think it is going
10 to take very long to the on, I will just have them
11 stand by on that.

12 Cinergy/Steve: Okay. All right.

13 MISO/Rob Benbow: I appreciate it.

14 Cinergy/Steve: Thank you.

15 (Pause.)

16 MISO/Roger Harzy: Harzy.

17 MISO/Rob Benbow: Hey, Roger, Rob.

18 MISO/Roger Harzy: Yeah.

19 MISO/Rob Benbow: Okay. I am going to try to do
20 the conference, and then get the NERC hotline call
21 going here.

22 MISO/Roger Harzy: Very good.

23 MISO/Rob Benbow: All right. Hold on.

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1 MISO/Roger Harzy: Okay.

2 (Pause.)

3 MISO/Rob Benbow: Midwest ISO, this is Rob.

4 MISO/Rich Cobb: Yeah, that call didn't make it
5 through.

6 MISO/Rob Benbow: Okay. We will try again.

7 MISO/Rich Cobb: Okay.

8 MISO/Rob Benbow: Thank you.

9 (Pause.)

10 MISO/Roger Harzy: Harzy.

11 MISO/Rob Benbow: Okay. Roger, let's try one
12 more time.

13 MISO/Roger Harzy: Okay.

14 MISO/Rob Benbow: Hold on.

15 (Pause.)

16 MISO/Rob Benbow: This is MISO Carmel. I was
17 trying to get Roger Harzy on here.

18 MISO/Roger Harzy: I'm on here.

19 MISO/Rob Benbow: Okay. Roger Harzy is on here.
20 This is the Midwest ISO ISO. Go ahead, Roger.

21 MISO/Roger Harzy: I really wanted to get an
22 update on exactly what the status of everybody's
23 system. We are getting a lot of interim reports from

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1 all the eastern interconnection. I think we might like
2 to get a status from everybody on where we are at.

3 MISO/Rob Benbow: Okay.

4 SPEAKER: This is Jack Burnhart. This is the
5 third call we have had now, and we have had no roll
6 call and it has really been disorganized. I think we
7 need to start from the beginning and make sure who is
8 on here, and develop this thing a little better.

9 MISO/Rob Benbow: Okay. Let's go ahead and do a
10 roll call then.

11 SPEAKER: I will start off here. Ecar. No,
12 Ercot.

13 SPEAKER: Ercot is here.

14 SPEAKER: FRCC.

15 SPEAKER: FRCC here.

16 SPEAKER: PJM. PJM?

17 SPEAKER: PJM is here.

18 SPEAKER: MAIN.

19 SPEAKER: MAIN is here.

20 SPEAKER: MISO Carmel.

21 MISO/Rob Benbow: MISO Carmel is here.

22 SPEAKER: MISO St. Paul.

23 MISO/Rich Cobb: MISO St. Paul is here.

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1 SPEAKER: Hydro Quebec.

2 SPEAKER: Yes.

3 SPEAKER: Okay. IMO.

4 SPEAKER: IMO.

5 SPEAKER: ISO New England.

6 SPEAKER: New England here.

7 SPEAKER: ISO New York.

8 SPEAKER: New York here.

9 SPEAKER: TVA.

10 SPEAKER: TVA is here.

11 SPEAKER: All right. Burke Southern.

12 SPEAKER: Southern here.

13 SPEAKER: VACAR South.

14 SPEAKER: VACAR South is here.

15 SPEAKER: VACAR North.

16 SPEAKER: VACAR North is here.

17 SPEAKER: Entergy.

18 SPEAKER: Entergy here.

19 SPEAKER: Southwest Power Pool.

20 SPEAKER: Southwest Power Pool is here.

21 SPEAKER: CALISO.

22 SPEAKER: CALISO is here.

23 SPEAKER: Rocky Mountain.

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1 SPEAKER: Rocky Mountain is here.

2 SPEAKER: Pacific Northwest.

3 SPEAKER: Pacific Northwest.

4 SPEAKER: And NERC is here. Anybody else on the
5 call? Okay. Roger, go for it.

6 MISO/Roger Harzy: Okay. If I could, if we
7 could go by region and give a status of what your
8 situation is, and any pertinent information as to what
9 exactly has caused the disturbance. I guess we would
10 like to try and get an idea of what is going on, and
11 how stable the system is that is still intact, and how
12 we can begin to put the system back together. Could we
13 start with New York?

14 SPEAKER: This is New York. We have got massive
15 system outages, and lines out, and most generation
16 tripped, and we are in evaluation still, and are
17 attempting to begin a restoration.

18 SPEAKER: New York has started their blackstart
19 procedures.

20 SPEAKER: You have to speak up, guys. We can't
21 hear.

22 SPEAKER: New York has started their blackstart
23 procedures in New York City and all of southeast New

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1 York.

2 MISO/Roger Harzy: How much of New York is out
3 at this time?

4 SPEAKER: That is (inaudible)--

5 MISO/Roger Harzy: I'm sorry, I didn't catch
6 that. How much of New York is out at this time?

7 SPEAKER: Over 50 percent out.

8 SPEAKER: Please hold.

9 (Pause.)

10 SPEAKER: New York is back. We had about a
11 28,000 megawatt load before the disturbance, and right
12 now we are showing somewhere in between 5 and 10. We
13 really don't have a handle on how accurate that number
14 is. We are trying to tie through to PJM, and the
15 engineers are discussing that now, and we have two ties
16 with New England.

17 One is a 345 and one is a 115. Most of our
18 generation has tripped, and virtually all of it for all
19 intents and purposes, and Southeast New York has
20 tripped, and we appear to be blacked out in Southeast
21 New York.

22 SPEAKER: What ties do you have? You only have
23 ties back to New England, is that what you indicated?

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1 SPEAKER: Yes, we also have two ties right now
2 that are overloaded with IMO in the northern part.
3 IMO, are you on here?

4 SPEAKER: Yes, I don't know whether they are
5 overloaded. We are trying to initiate our restoration
6 plan, and we have not got enough room here. That is
7 one of the reasons (inaudible) so we could secure a
8 load on our side to get back to our nuclear plants.

9 SPEAKER: Right now we have got some aluminum
10 plants up there that are shedding some load, and I
11 would expect that you are going to see that within the
12 next 90 seconds or so.

13 SPEAKER: You mean St. Lawrence, in the
14 Adirondack?

15 SPEAKER: Yeah, it is off the St. Lawrence bus
16 and the Also bus.

17 SPEAKER: Okay. We are at 350 700 on the ties
18 it looks like right now.

19 SPEAKER: And they were ordered to do it just a
20 few moments ago.

21 SPEAKER: Do you know if there is one block
22 coming off so that I can run them?

23 SPEAKER: I think we told them to cycle it and

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1 rotate them. I think it is a hundred megawatt each.

2 SPEAKER: Okay.

3 SPEAKER: That is about where New York stands.

4 MISO/Roger Harzy: Okay. If we could go to IMO
5 next. Ontario, what is your situation?

6 SPEAKER: Ontario. Everything west of Wawa,
7 Ontario in the north is attached to Manitoba and is
8 stable, and we are beginning to build our system out
9 from there.

10 MISO/Roger Harzy: Okay.

11 SPEAKER: We lost roughly about a thousand megs
12 up there. We started our blackstart procedure for the
13 Ottawa Valley, and they are working on that. As part
14 of the contingency, we had two islands form in Southern
15 Ontario, one in the St. Lawrence area, attached to New
16 York there. So that is carrying an island.

17 There is about 700 megs going out to New York as
18 you heard. We are trying to reduce that, and we are
19 trying to build back to our Pickering and Darlington
20 stations. Both stations are off potential. All units
21 are down.

22 We have one unit at Darlington hitting at what
23 we call CSDD, and so the reactor is sitting at 50

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1 percent reactor power and ready to come back at 500
2 megs. And we are trying to get back to the nuke plants
3 from that island.

4 In the other island, in the Beck Island, we have
5 about a thousand megs of generation and about 900 going
6 out to New York, and we are trying to build back to our
7 Bruce Nuclear Plant. We have three units that are
8 available that are available there to--

9 MISO/Roger Harzy: Are you still tied to
10 Michigan? --

11 SPEAKER: Just hand on a second.

12 (Pause.)

13 SPEAKER: And they are taking off from St.
14 Lawrence -- just a second, guys.

15 (Simultaneous conversations, inaudible.)

16 SPEAKER: And, New York, you are taking a load
17 off of the Ties at Niagra as well, correct? Hello, New
18 York?

19 SPEAKER: I can see where these people are
20 really busy trying to restore their systems right now,
21 and they probably don't have too much of a chance to be
22 giving us this information.

23 SPEAKER: We have a frequency of 58.4 on

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1 Niagara, and so we are trying to get a hold of them to
2 get load off of there.

3 MISO/Roger Harzy: Okay. That's fine. Do you
4 have a tie back to Mchigan?

5 SPEAKER: No, Michigan is dead. We are trying
6 to bring -- we have nothing in that area to get back to
7 him. We are going to the nukes first, and then we will
8 go back to him.

9 MISO/Roger Harzy: Okay (inaudible).

10 SPEAKER: IMO-MECS ties are open We have
11 indications of low frequency on both islands that we
12 have, and the only load we have is on New York, and we
13 are trying to get them to get load off so we can get it
14 down. So, New York, are you still on there?

15 MISO/Roger Harzy: Well, apparently they are
16 trying to get their system put back together.

17 SPEAKER: One thing is to put it back together,
18 but we have got to get the island stable first.

19 MISO/Roger Harzy: Right.

20 SPEAKER: We can put it all back together, but
21 if they flatten, we are in worse shape now.

22 MISO/Roger Harzy: Yes.

23 SPEAKER: Anyway that is the status of Ontario.

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1 Is Quebec on here? Can we get a status from him?

2 MISO/Roger Harzy: Is anyone there from Quebec?

3 SPEAKER: Yes.

4 MISO/Roger Harzy: Can you give us your
5 situation?

6 SPEAKER: Well, since we are asynchronous, we
7 have not had any loss here. We had some over voltages
8 and all our ties went out, and that is about it. The
9 situation is very stable here.

10 SPEAKER: IMO here. So if we call, we could get
11 help from Bohorneis, or potential from Shaw Falls, or
12 anything like that?

13 SPEAKER: That's right.

14 SPEAKER: Okay. Just a second here. Just hang
15 on a second.

16 SPEAKER: This is Tom Duckworth from ISO New
17 England.

18 MISO/Roger Harzy: Yes, sir.

19 MISO/Roger Harzy: Go ahead.

20 SPEAKER: People want a status report on the New
21 England situation?

22 MISO/Roger Harzy: Yes.

23 SPEAKER: Al Miller. How are you doing?

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1 SPEAKER: Not bad.

2 SPEAKER: Basically our disruption is confined
3 to the State of Connecticut, and it is actually mostly
4 the southwest Connecticut area. We believe that we
5 have got our split defined, and the rest of New England
6 seems to be in reasonable shape. Voltages are okay, and
7 Var outputs. Our ties to New York are all down, and we
8 seem to be backfeeding some load on one of the ties.
9 It is a 115 Kv tie.

10 In the State of Connecticut, we are trying to
11 define what our situation is, and then go about
12 restoring the system down there. We are on flat
13 frequency, and we are trying to control our island,
14 which is basically New England and the maritimes.

15 We have talked with New York, and they have
16 asked them the status of our end of the tie line, and
17 we assume that they are working to try to get a plan
18 together to start putting this system back together
19 also. And that is about it.

20 SPEAKER: I heard the report on Quebec. There
21 is a question to IMO. Is your system pretty well
22 ripped apart, or --

23 SPEAKER: Yeah, basically all of Southern

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1 Ontario is flat, with the exception of an island in the
2 St. Lawrence area, and also in the Niagara area. And
3 both islands are but a thousand megawatts feeding New
4 York, and is New York on the line?

5 SPEAKER: Are those islands feeding into New
6 York?

7 SPEAKER: Well, we are feeding about 2,000 megs
8 into New York, and if we can't get them off of there,
9 we are holding up bringing back 2,000 megs of our own
10 generation. We can't move until we get them off, some
11 of their load off down there. We have asked twice of
12 load shedding down there and nothing has happened.

13 SPEAKER: We have already dumped load in
14 Connecticut after the disturbance, just because we had
15 some lines that were -- from the intelligence that we
16 had, we had some lines that we thought were over
17 normal.

18 SPEAKER: And our guys are looking at what from
19 Quebec we can take. Hello, is Quebec there?

20 SPEAKER: Yes.

21 SPEAKER: We are looking at what we can take and
22 so right now you could supply potential and generation
23 at Bonhorna and Shaw Falls if required?

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1 SPEAKER: Bonhorna and Shaw Falls.

2 SPEAKER: Okay. And what about the upper
3 Ottawa, up in Zeal and Deforest?

4 SPEAKER: We can transfer any amount on
5 Bonhorna.

6 SPEAKER: Okay. When we are ready then, we will
7 have our system guys call yours and make whatever
8 arrangements they can do to coordinate it.

9 SPEAKER: Anytime you want.

10 SPEAKER: Right now we are just trying to
11 coordinate the restoration to our Nuke unit, but it
12 would be nice to get going on that, okay?

13 SPEAKER: Yes, and (inaudible). Very good.

14 SPEAKER: Okay.

15 MISO/Roger Harzy: Can we go on to Michigan, and
16 can we have a status on Michigan and wha their
17 situation is?

18 MISO/Rob Benbow: Status from Michigan. This is
19 Midwest ISO Carmel. Right now I can sit here and see
20 that we have tie lines opened to the IMO, and I would
21 confirm that. We have First Energy tie lines, and we
22 have one of the tie lines open, and we do have two
23 other tie lines closed and carrying some load.

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1 First Energy only has three -- as far as MECS
2 goes, I now that Lansing is in the dark, and so is
3 Detroit.

4 SPEAKER: How about Chicago?

5 SPEAKER: Chicago does not seem to be affected,
6 and I don't know, but MAIN could probably answer to
7 that.

8 SPEAKER: This is MAIN. Chicago has no
9 indications of problems, and for that matter, neither
10 does the rest of MAIN. MAIN is in good shape.

11 SPEAKER: This is (inaudible) and because this
12 question is popping (inaudible). Does anyone have
13 anything to offer as to the causation?

14 MISO/Rob Benbow: Okay. I can't hear you.

15 SPEAKER: Does anyone have anything to offer as
16 to the causation of this outage that began around 4:15
17 approximately eastern daylight time? There was a
18 report of 3 345 KB lines in and around Perry Nuclear.

19 MISO/Rob Benbow: That is -- okay. I can barely
20 hear. There is some -- it was first reported that
21 there was one 345 KB line that had a tree into it, and
22 we had two other possible 345 lines out of service.
23 And around the Perry Nuclear Plant, there was low

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1 voltages, and they were concerned that they would lose
2 Perry Nuclear Plant.

3 SPEAKER: And they did lose it; is that correct?

4 MISO/Rob Benbow: Yeah, because they actually
5 hung up with us, because they had some other problems
6 and then shortly after that, we saw all the breakers
7 come open there at Perry that are on the 345 that went
8 and tripped the nuclear plant. Of course, we didn't
9 confirm that until after we had talked to them.

10 SPEAKER: This tree fault, does it appear
11 possible that this whole thing would be initiated by a
12 tree fault?

13 MISO/Rob Benbow: Well, that is-- well, looking
14 at the frequency, that could be. I mean, there was a
15 spike there on the frequency at first, and then it came
16 back down, and then it shot right back up.

17 SPEAKER: You mentioned one 345 KB line was
18 down, and then there were two others. Were they out of
19 service before?

20 MISO/Rob Benbow: No, they were-- they relayed
21 out of service and forced out.

22 MISO/Roger Harzy: Do you have an approximate
23 time on that?

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1 MISO/Rob Benbow: The First Entergy 345 line
2 that tripped out?

3 MISO/Roger Harzy: Yes.

4 MISO/Rob Benbow: Okay. We have to go back
5 through the alarms, but I think they are researching
6 that right now, and I don't know if that is the-- what
7 time it was.

8 SPEAKER: It was in and around 4:50 Eastern
9 Daylight Time.

10 MISO/Rob Benbow: Right.

11 SPEAKER: And (inaudible) outages occurred
12 around noon.

13 MISO/Rob Benbow: Hold on here one second.

14 (Pause.)

15 SPEAKER: As far as an update with MECS, we
16 still have the tie lines into AEP, and there is two
17 into FE, and there is a tie line with NIPSCO that is
18 still in service, and a tie line with the straights
19 over to the UP that is still in service.

20 MISO/Roger Harzy: Okay. So part of Michigan
21 still is in service?

22 V: Yes, that is correct.

23 MISO/Roger Harzy: Okay. Are there any other

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1 areas that are blacked out at this time?

2 MISO/Rob Benbow: First Energy. Well, like I
3 said, they are experiencing -- they lost like 7,000
4 megawatts worth of load. They only had three
5 generating plants left in service, and that was Sammis,
6 Beaver Valley 1 and 2, Mansfield 1, 2, and 3; and then
7 Sammis 1, 2, 4, 5, 6, and 7 generators were the only
8 generators that they reported in service.

9 MISO/Roger Harzy: Okay. That 7,000 megawatts
10 of load, is that around the Cleveland area?

11 MISO/Rob Benbow: Excuse me?

12 MISO/Roger Harzy: The load that you reported
13 out around First Entergy, is that in the Cleveland
14 area?

15 MISO/Rob Benbow: I couldn't be for sure on
16 that.

17 MISO/Roger Harzy: Okay.

18 MISO/Rob Benbow: The time that the lines
19 tripped there was approximately 1500. That was
20 reported to us.

21 SPEAKER: And was that central time?

22 MISO/Rob Benbow: That would be eastern standard
23 time, I think.

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1 MISO/Roger Harzy: Okay. Any other areas that
2 have service interruption right now that have not
3 reported?

4 MISO/Rob Benbow: As far as MISO is concerned,
5 there is nobody else that is-- we have talked to all
6 of our control areas here throughout ECAR, LG&E, and
7 that, and there is no other reported outages, and I
8 believe that there is no other outages to the west, and
9 the St. Paul area, and they can confirm that.

10 MISO/Rich Cobb: That's correct. This is Rich
11 at the MISO in St. Paul. We have no report of any
12 outages.

13 MISO/Roger Harzy: Okay.

14 MISO/Roger Harzy: All right. Is there anything
15 else that we should be doing?

16 SPEAKER: Did we get a report from PJM?

17 SPEAKER: Yeah, PJM is on here. Right now we
18 have our ties with First Energy out, and three 345 ties
19 with New York, are out in our western region; and the
20 ties across the river in New York City from Northern PS
21 is out.

22 We lost approximately 4,000 aluminum PS, and
23 Northern Public Service is a page of the island from

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1 Southern Public Service. And when New York went down,
2 we lost all our generation in that area.

3 MISO/Rob Benbow: In which area?

4 SPEAKER: In Northern Public Service.

5 MISO/Rob Benbow: Okay.

6 SPEAKER: And that includes the Hudson area and
7 at Bergen Stations. We lost a 500 KV tie with New
8 York, and we are in conversation with them now where
9 they want to bring that back. So basically most of our
10 load we lost right around the New York area on the
11 Jersey side.

12 SPEAKER: Does it appear to be voltage collapse
13 in you area?

14 SPEAKER: From here it is a high load area with
15 low generation, and it looks like it took all four
16 generators out of that area, and once it did that,
17 everything cascaded, and luckily the ties to the
18 southern system opened up so that it did make a nice
19 pocket right outside New York City.

20 The southern section is pretty strong, and is
21 still tied with the rest of PJM. So as soon as we can
22 make sure exactly what we have, and the damage that we
23 have, if any, we will start putting the sub

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1 transmission back in, and maybe get our ties back into
2 New York. I am sure that they are going to be looking
3 for it.

4 Is New York back on yet?

5 SPEAKER: Okay. We will be contacting them
6 directly and find out what they are looking for.

7 SPEAKER: Steve, New York is not on the line?

8 SPEAKER: I don't believe so.

9 MISO/Roger Harzy: Well, all right. Is there
10 anything else we need to report on this at this time?
11 I think everybody has a pretty good idea exactly where
12 everybody's status is. It looks like there is a lot of
13 work that has to be done up there between Ontario and
14 New York, and coming around into PJM.

15 SPEAKER: And our restoration plan is stalled
16 until we can get New York to shed some of this load
17 that they out from us.

18 SPEAKER: (Inaudible.)

19 SPEAKER: What's that? I can't hear.

20 MISO/Roger Harzy: I don't know is there is
21 anything that we can do to help you with New York if-

22 SPEAKER: Yes, I recognize that, but if anybody
23 hears from them, tell them to call us, because we are

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1 stalled. We can't even get out any further on our
2 restoration plan until we get some load off of his
3 system, and we don't want to be sitting there opening
4 the ties with 2,000 megs of load up that way.

5 SPEAKER: Who is this?

6 SPEAKER: This is IMO. We have roughly about--
7 somewhere around 1,800 megs going out towards New York,
8 and we are trying to implement our restoration plan,
9 and we can't go, because we have to pick up load to
10 control voltages on our side, and we have got no more
11 capacity left.

12 MISO/Roger Harzy: Okay. I understand.

13 SPEAKER: I will get them on my direct line and
14 have them give you a call.

15 SPEAKER: Yeah, if you would, that would be
16 great. Thank you

17 MISO/Wayne VanOsdol: Before we get everybody
18 off, hold on a second. This is Wayne from St. Paul. I
19 guess, Lou, before we hang up, have you determined
20 through this conversation then that this was an
21 operational event, and NERC is not going to declare any
22 security level (inaudible)? And I guess I just wanted
23 to make sure that what all offices here are doing, and

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1 as they doing a lock down or is everyone just
2 indicating that this is an operational event, and not
3 terrorists or sabotage, and so one.

4 NERC/Lou: Hi, this is Lou. I don't know that
5 we can declare it an operational event yet. I am
6 hoping that someone can come back and confirm to me
7 that this tree fall -- and I still am not clear on the
8 time. I am thinking that this all occurred at about
9 1615 Eastern Daylight Time. Is that true?

10 SPEAKER: It is IMO here. We have to be careful
11 here that we are not making conjecture for cause or
12 effect from that time, because we had stuff trip at our
13 end at that time, and we don't know why.

14 NERC/Lou: Yeah, that's why I am very leery
15 about saying that it is not or that it is operational,
16 and you guys have got to help. We can't make that
17 determination. You have to tell us.

18 SPEAKER: In Ontario, we have no indications at
19 this time what caused it. I will say that.

20 NERC/Lou: Does anybody else have any
21 indications?

22 MISO/Wayne VanOsdol: I think that is the
23 assumption to make, is that we do not know the cause at

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1 this time, and let it go at that.

2 SPEAKER: Okay.

3 SPEAKER: This is TVA. We just got a concern to
4 add here. Let's just be sure that we coordinate our
5 restoration of service here. We don't want to get into
6 a situation where we pick up too much load at once, and
7 bring the frequency down too low. I wonder if there is
8 a way that we can coordinate restoration of these major
9 blocks of load.

10 SPEAKER: I agree. That is what the shift staff
11 are trained for.

12 SPEAKER: Okay.

13 MISO/Roger Harzy: The only thing I can suggest
14 is that if you start to put back large blocks of loads,
15 you coordinate with your neighbor. And if you feel
16 that anyone needs to be aware of it, make sure that you
17 make communication with them.

18 SPEAKER: Agreed.

19 SPEAKER: TVA, did you lose load?

20 SPEAKER: Negative.

21 SPEAKER: Okay. That's what I thought.

22 NERC/Lou: Okay. We will not causate this at
23 this point in time. We will do another conference call

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1 -- we will let another hour and a half go by, and let
2 you guys have a little breather, and then we will do
3 another conference call in about an hour and a half.

4 SPEAKER: So we are talking 1915.

5 SPEAKER: Eastern Daylight.

6 SPEAKER: 1915 Eastern Daylight?

7 NERC/Lou: 1915. We will do another call at
8 1915.

9 SPEAKER: Okay. 1915.

10 NERC/Lou: Okay. Thank you everybody.

11 SPEAKER: It would be real helpful if we could
12 have line outage times at that point so we could help
13 maybe figure some things out.

14 MISO/Rob Benbow: All right. We are working on
15 that here at the MISO.

16 SPEAKER: Right. Okay. Good luck.

17 MISO/Rob Benbow: All right. Bye.

18 SPEAKER: Thank you everybody very much. 2003

19 **08-14 CH22 Primary RC 1700 hrs.WAV**

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

21 SPEAKER: Tim, this is Russ.

22 MISO/Tim Johns: Hi, Russ.

23 SPEAKER: What is going on?

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1 MISO/Tim Johns: You know how it goes, man.

2 SPEAKER: I mean, I can understand what happen
3 to Detroit in this whole thing.

4 MISO/Tim Johns: You and -- well, let me have
5 you talk to Ron. Hang on.

6 SPEAKER: Okay.

7 * * * * *

8

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1 **2003 08-14 CH22 Primary RC 1705 hrs.WAV**

2 MISO/John Jenkins: Midwest ISO ISO. John
3 speaking.

4 MISO/Tim Johns: John.

5 MISO/John Jenkins: Yeah.

6 MISO/Tim Johns: Ask Don if he can-- I want to
7 double-check that Ghentto Batesville, does he want to
8 go to a one on that?

9 MISO/John Jenkins: Okay. Hang on.

10 (Pause.)

11 MISO/John Jenkins: Hey, Tim, he wants to go to
12 a one.

13 MISO/Tim Johns: Okay. Then there are two
14 schedules and I am going to turn them lose.

15 MISO/John Jenkins: All right.

16 MISO/Tim Johns: Thanks.

17 * * * * *

18

1 **2003 08-14 CH22 Primary RC 1712 hrs.WAV**

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

3 MECS: Yes, Tim, this is (inaudible).

4 MISO/Tim Johns: Yes, sir.

5 MECS: Can I verify right now that (inaudible)-

6 -

7 MISO/Tim Johns: Pretty good.

8 MECS: Okay.

9 MISO/Tim Johns: Where are you at in Michigan?

10 MECS: I am in Ann Arbor, at MECS.

11 MISO/Tim Johns: Ann Arbor, Michigan.

12 MECS: Our frequency went bad, and it just
13 looked like it started working, and so--

14 MISO/Tim Johns: Okay. How are you guys sitting
15 up there otherwise?

16 MECS: Detroit ITC, they are basically flat.
17 They are getting ready to start blacklight start, and
18 they are putting a conference call together to-- and
19 then consumers are sort of intermittent. I just sort
20 of got here.

21 MISO/Tim Johns: Okay.

22 MECS: Do you want to talk to somebody who has
23 been here for a few minutes?

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1 MISO/Tim Johns: Sure.

2 MECS: Okay. Hang on just a second.

3 (Pause.)

4 MECS/Chuck Whitley: This is Chuck Whitley.

5 MISO/Tim Johns: Chuck, this is Tim, MISO
6 Carmel.

7 MECS/Chuck Whitley: Okay.

8 MISO/Tim Johns: How is it going up there?

9 MECS/Chuck Whitley: We are stabilizing a little
10 bit as far as we got our readings as to which ones we
11 believe we need to work on and which ones we don't.

12 MISO/Tim Johns: Okay. Can you kind of give me
13 a rundown of where we are at?

14 MECS/Chuck Whitley: We are here in MECS, we are
15 connected to AEP, and with normal flows on tie lines.
16 We are connected to the straights, and we are
17 connected, two lines, to First Energy, with minimal
18 flow to them. Currently about 175. It ~~as~~ much higher
19 and it has reduced down.

20 MISO/Tim Johns: Okay. And how are we
21 generation wise?

22 MECS/Chuck Whitley: We have lots of generation.
23 We are running water and we would like to cut

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1 generation because the frequency is high, but we do not
2 have a coordinated schedule with AEP as to what that
3 should be. So we have cut some of our home storage
4 generation, but we are trying to get the consumers and
5 merchants with the AEP merchants to get a plan for what
6 they really want to import.

7 MISO/Tim Johns: Okay. How --

8 MECS/Chuck Whitley: But the plates are clean.
9 They are not near any security limits or anything.

10 MISO/Tim Johns: Okay. How about-- do we know
11 how DTE stands?

12 MECS/Chuck Whitley: DTE is just totally
13 nothing. They have a couple of peakers running.

14 MISO/Tim Johns: Okay. Do you know what figures
15 they do have running?

16 MECS/Chuck Whitley: I think St. Clair 11 and
17 12.

18 MISO/Ron Goins: So are they black?

19 MECS/Chuck Whitley: Yes.

20 MECS/Chuck Whitley: There is some load being
21 served to the south associated with the First Energy
22 connection there.

23 * * * * *

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1 **2003 08-14 CH22 Primary RC 1716 hrs.WAV**

2 MECS: This is MECS.

3 MISO/Tim Johns: MECS, this is Tim, ISO Carmel?

4 MECS/Chuck Whitley: Yes.

5 MISO/Tim Johns: Who have I got there?

6 MECS/Chuck Whitley: This is Chuck Whitley.

7 MISO/Ron Goins: I'm sorry, Chuck. We have got
8 the two little St. Clair units on and that is about it,
9 and they are black otherwise.

10 MECS/Chuck Whitley: Well, whatever load is near
11 the borders, and between and consumers.

12 MISO/Tim Johns: I bet it is my supervisor
13 probably.

14 MISO/Ron Goins: Yeah, I got the phone. I'm
15 sorry.

16 METC/Chuck Whitley: Anyway, I'm sorry. Now,
17 DTE is (inaudible).

18 MISO/Tim Johns: Right.

19 SPEAKER: Where are we at as far as blackstart
20 or a game plan? Do we have any idea what we are going
21 to do and how we are going to get going on this?

22 MECS/Chuck Whitley: No, I do not have that
23 information. Some others may have that, ~~bt~~ I do not

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1 have that.

2 MISO/Tim Johns: Okay.

3 MISO/Ron Goins: Hey, Chuck, I'm sorry, but this
4 is Ron Goins. I am on the line here as well, but
5 before I disconnect us again, Tim was saying that you
6 guys were thinking about a conference call here
7 shortly. Is there any way that MISO could be involved
8 in that just to listen in?

9 MECS/Chuck Whitley: Yeah, I don't see any
10 reason not to.

11 MISO/Ron Goins: I mean, we are not going to try
12 and interject or won't interrupt, or anything, but just
13 to listen in basically.

14 MECS/Chuck Whitley: Okay.

15 MISO/Tim Johns: That's cool.

16 MISO/Ron Goins: If there isn't, and you have a
17 chance to add us, that would be great.

18 MECS/Chuck Whitley: Yes.

19 MISO/Ron Goins: All right.

20 MISO/Tim Johns: Okay.

21 MECS/Chuck Whitley: As far as the Edison load,
22 there is some island or attached load near the border
23 with consumers, and where things went there. But they

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1 have no generation in the area.

2 MISO/Tim Johns: Okay.

3 MISO/Ron Goins: Is there any indication that
4 this was -- I mean, did you see any low voltage type
5 problems or instability before this system went, or did
6 it catch you off-guard as it did us?

7 MECS/Chuck Whitley: I was upstairs getting
8 ready to play golf.

9 MISO/Ron Goins: I was getting read to go to
10 lunch.

11 MECS/Chuck Whitley: But some of the people down
12 here, they may be able to give you something, you know.

13 MISO/Ron Goins: We are still on AEP, and there
14 may have been some line tripping there, and then First
15 Energy went, and then you guys, DTE, was shortly after,
16 but I have had several people say what do we see ahead
17 of time, and we didn't really see a whole lot of
18 indication.

19 MECS/Chuck Whitley: I told him that we had a
20 lot of voltage swings and stuff on it.

21 MISO/Ron Goins: Right.

22 MECS/Chuck Whitley: And I think we transferred
23 over and sort of came back, and all of these things.

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1 MISO/Ron Goins: Okay. Well, I know that you
2 guys are busy, and we will get out of your hair, but if
3 you guys do have a conference call, if we could listen
4 and get a lot of information without having to bug you
5 guys, that would be great.

6 MECS/Chuck Whitley: Okay.

7 MISO/Ron Goins: Thank you, Chuck.

8 MECS/Chuck Whitley: All right. Bye.

9 MISO/Ron Goins: Bye.

10 * * * * *

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1 **2003 08-14 CH22 Primary RC 1724 hrs.WAV**

2 SPEAKER: This is Bill.

3 MISO/Tim Johns: Bill, this is Tim, MISO Carmel
4 (inaudible).

5 SPEAKER: How are you doing, Tim?

6 MISO/Tim Johns: They called me just a minute
7 ago about closing up that circuit?

8 SPEAKER: Right.

9 MISO/Tim Johns: Go ahead

10 MISO/Tim Johns: Hang on. Have you test
11 energized it yet?

12 SPEAKER: No, we were just getting ready and
13 getting ready to hear from you guys.

14 MISO/Tim Johns: Would you test energize it and
15 then call us back before you actually energize it?

16 SPEAKER: Okay. All right. Do you want to call
17 Larry and tell him that we are going to close that
18 breaker, and go ahead and energize it from Columbus.
19 Okay. We will call you back.

20 MISO/Tim Johns: I appreciate it.

21

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2003 08-14 CH22 Primary RC 1728 hrs.WAV

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

MAIN/Glen: Hey, Tim, this is Glen at MAIN.

MISO/Tim Johns: Yes, sir.

MAIN/Glen: Hey, can you give me a status on NIPSCO control area? We are hearing through COMED and through NIPSCO that they are separated from Michigan.

MISO/Tim Johns: They did tell me that their next high is open at the MECS end.

MAIN/Glen: So open to MECS at the MECS end?

MISO/Tim Johns: That is correct.

MAIN/Glen: All right. So they don't have ties with them?

MISO/Tim Johns: That is my understanding.

MAIN/Glen: Okay.

MISO/Tim Johns: All right.

MAIN/Glen: Thank you.

MISO/Tim Johns: Yes, sir.

* * * * *

1 **2003 08-14 CH22 Primary RC 1736 hrs.WAV**

2 MISO/John Jenkins: Midwest ISO, John speaking.

3 MISO/Andy: John, Andy over here in scheduling.

4 MISO/John Jenkins: Yeah, Andy.

5 MISO/Andy: AEP wants to talk to you, and can I
6 transfer you over to him?

7 MISO/John Jenkins: Sure, go head.

8 MISO/John Jenkins: Midwest ISO, John.

9 AEP/Bill: Hey, John, Bill at AEP.

10 MISO/John Jenkins: Hi, Bill.

11 AEP/Bill: I need to a telephone number for the
12 security coordinator if I may.

13 MISO/John Jenkins: Okay. I will give you mine.

14 Mine is Area Code ([PRIVATE NO.], and that is me if
15 you need to talk with me.

16 AEP/Bill: Not right this second. We are just
17 getting phone numbers.

18 MISO/John Jenkins: Very good.

19 AEP/Bill: Thank you.

20 MISO/John Jenkins: Thank you.

21 (Pause.)

22 MISO/John Jenkins: Midwest ISO, John.

23 MECS/Larry: John, this is Larry Aldrink up in

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1 Michigan.

2 MISO/John Jenkins: Yes, Larry.

3 MECS/Larry: I hear you guys want to tie into a
4 conference line with us, and I certainly don't have any
5 objection to that. So I will give you a number if you
6 want to dial into it. We are leaving the line open.
7 The next time we are really going to kind of reconvene
8 is going to be in about 5 minutes.

9 MISO/John Jenkins: All right.

10 MECS/Larry: And what we have been doing is just
11 leaving the thing open, and do what we need to do, and
12 go about our business, and determine a timeto come
13 back.

14 MISO/John Jenkins: Sure.

15 MECS/Larry: The number is Area Code [PRIVATE
16 NO.]

17 MISO/John Jenkins: And that is Area Code
18 [PRIVATE NO.]

19 MECS/Larry: That's correct.

20 MISO/John Jenkins: Okay. We will tie into it,
21 Larry. We appreciate it.

22 MECS/Larry: Okay. Bye.

23 MISO/John Jenkins: Bye.

24

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1 **2003 08-14 CH22 Primary RC 1748 hrs.WAV**

2 MISO/John Jenkins: Midwest ISO, John.

3 MAIN/Larry: Hey, John, Larry Mason in MAIN.

4 MISO/John Jenkins: Is that Maine?

5 MAIN/Larry: Yeah.

6 MISO/John Jenkins: Okay. What can I do for
7 you?

8 MAIN/Larry: Let's see. We are trying to think
9 ahead here an hour or two, or three, and as loads start
10 getting put back on, I am sure that they are going to
11 want to put loads on faster than your generation start.

12 MISO/John Jenkins: Well, that is our concern,
13 too.

14 MAIN/Larry: Do we need to get some group
15 together real quickly to come up with who is going to
16 take charge of figuring out how much power can be
17 faithfully moved into them?

18 MISO/John Jenkins: Okay. Our people right now
19 are talking with AEP to try to -- they have got a
20 problem with First Energy right now. First Energy is
21 trying to pick up some load areas, and it is pulling
22 AEP's voltage down. I know that they are talking with
23 them on that.

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1 What particular area were you thinking of, or
2 you were overly concerned about?

3 MAIN/Larry: Well, in particular, we are
4 concerned about how -- the ComEd is concerned about how
5 much -- ComEd has all sorts of reserves sitting around.

6 MISO/John Jenkins: ay.

7 MAIN/Larry: And they are concerned about being
8 called to deliver too much.

9 MISO/John Jenkins: Yeah.

10 MAIN/Larry: I think that they don't want to be
11 bad neighbors.

12 MISO/John Jenkins: Right. Right. Okay.

13 MAIN/Larry: It will be a matter of who is
14 calculating the transfer capability.

15 MISO/John Jenkins: Right. Right. Okay. Let
16 me give this information -- I know that they are
17 already looking into some of this, but I will reiterate
18 them that ComEd has adequate resources. They just are
19 concerned about the flows on the interconnecting ties
20 and so forth when they start picking up the loads.
21 Maybe I can have Ron or Rob give you a call up there.

22 MAIN/Larry: And I am sure that there is other
23 companies all over the East interconnection with the

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1 same situation.

2 MISO/John Jenkins: Yeah. Okay. I appreciate
3 the call. I will mention it to the guys who are on the
4 conference call now.

5 MAIN/Larry: Okay. And try to keep us informed.

6 MISO/John Jenkins: Okay. Thank you.

7 * * * * *

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1 **2003 08-14 CH22 Primary RC 1751 hrs.WAV**

2 MISO/John Jenkins: MISO, John speaking.

3 MISO/Chris Owen: Hey, John, this is Chris Owen
4 here in the back. Listen, John, on TAG 1314, upon this
5 last reallocation, I see where on onehalf of the
6 report there is a curtailment on his tag down to zero
7 in the lower portion. It has it reallocated for a
8 reload. What should I go by? Which one?

9 MISO/John Jenkins: Well, I would have to know
10 what TLR it is associated with. Do we know that yet?

11 MISO/Chris Owen: I think the flow gate is the
12 best I can tell you.

13 MISO/John Jenkins: My equipment is so slow here
14 that I am not even sure I am going to be able to see it
15 right away, but go ahead and give it to me.

16 MISO/Chris Owen: Okay. The flow gate is 11636.

17 MISO/John Jenkins: 11636.

18 MISO/Chris Owen: Yes.

19 MISO/John Jenkins: All right. Let's see if I
20 can find that one.

21 MISO/Chris Owen: And tag is 1314 is the First
22 Energy, Cinergy to First Energy.

23 MISO/John Jenkins: Okay. That is a PJM flow

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1 gate that they happen to have a TRL on right now.

2 MISO/Chris Owen: So that is a MISO tag
3 actually. It is coming through-- MISO is on the tag,
4 and I am showing it is curtailed down to zero for
5 beginning at the top of the hour here.

6 MISO/John Jenkins: 1314.

7 MISO/Chris Owen: Yes, but that is actually
8 listed both in the curtailed portion and in the
9 reallocation portion of the report.

10 MISO/John Jenkins: Well, it is going to be
11 curtailed basically, because it is going to First
12 Energy.

13 MISO/Chris Owen: Right.

14 MISO/John Jenkins: And right now we are
15 curtailing everything, all the schedules that source or
16 sink on First Energy.

17 MISO/Chris Owen: Okay.

18 MISO/John Jenkins: Until midnight.

19 MISO/Chris Owen: Okay.

20 MISO/John Jenkins: All right?

21 MISO/Chris Owen: Thank you.

22 MISO/John Jenkins: Thank you.

23 * * * * *

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1 **2003 08-14 CH22 Primary RC 1753 hrs.WAV**

2 MISO/John Jenkins: MISO. This is John.

3 First Energy/Joe: Yeah, John, I talked to--
4 this is Joe at First Energy.

5 MISO/John Jenkins: Yeah.

6 First Energy/Joe: I talked to -- is it Don
7 Hunter?

8 MISO/John Jenkins: Yes, Don Hunter.

9 First Energy/Joe: Is he available to speak with
10 me?

11 MISO/John Jenkins: I think he is still around
12 someplace. I don't know just exactly where. Where is
13 Don?

14 SPEAKER: He said he had to make a telephone
15 call and he will be right back.

16 MISO/John Jenkins: Okay. Don will be right
17 back in here.

18 First Energy/Joe: Well, he called about the
19 fostoria Bayshore tie with AEP.

20 MISO/John Jenkins: Okay.

21 First Energy/Joe: And about low voltage and
22 wanting to know if we could do something in that area.

23 First Energy/Joe: If you could let him know

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1 that we are bringing generation on in that area.

2 MISO/John Jenkins: In the Bayshore area?

3 First Energy/Joe: Yeah.

4 MISO/John Jenkins: Okay. What are you bringing
5 on that would be good to know?

6 First Energy/Joe: He didn't say. They just
7 said they were trying to bring on some units, and I
8 know that they are trying to get from Troy on some
9 peakers, but I am not sure exactly what units are being
10 brought on.

11 MISO/John Jenkins: Okay.

12 First Energy/Joe: Like there is five plants
13 out.

14 MISO/John Jenkins: Okay.

15 First Energy/Joe: And he said they were trying
16 to bring on some generation in that area.

17 MISO/John Jenkins: Do you know how soon?

18 First Energy/Joe: No, I don't. Let me put you
19 on hold and I will get right back with you.

20 MISO/John Jenkins: Okay. Thank you.

21 (Pause.)

22 MISO/John Jenkins : I have got a First Energy
23 guy on the line right now, and he said they are getting

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1 ready to bring some generation on in the Bayshore area,
2 which will push back and pick up that fostoria area.
3 And he is giving me the names of the generators right
4 now.

5 First Energy/Joe: Yeah, this is Joe again.

6 MISO/John Jenkins: Go ahead, Joe.

7 First Energy/Joe: We are bringing Troy
8 generation on, and it should be on about 1800 hours
9 EST.

10 MISO/John Jenkins: Okay. And any others?

11 SPEAKER: Not right at the moment.

12 MISO/John Jenkins: And how many megawatts will
13 that be at Troy?

14 First Energy/Joe: Troy is usually around 10.

15 MISO/John Jenkins: Oh, 10 megawatts?

16 First Energy/Joe: Yeah.

17 MISO/John Jenkins: Oh, boy, that won't help a
18 lot. Okay.

19 First Energy/Joe: 150 for Troy.

20 MISO/John Jenkins: Okay. That sounds better.
21 That will help. Okay. Very good.

22 First Energy/Joe: Oh, I am thinking of one unit.
23 Okay. They are going to bring four units on, with 150

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1 total, and it should be coming on here about 1800
2 Eastern Standard Time.

3 MISO/John Jenkins: Okay.

4 First Energy/Joe: Here, let me give you a
5 supervisor.

6 MISO/John Jenkins: Okay. Great. Thanks.

7 First Energy/Bob: Bob Parker.

8 MISO/John Jenkins: Hi, Bob, John Jenkins.

9 First Energy/Bob: How are you doing today?

10 MISO/John Jenkins: I'm doing good.

11 First Energy/Bob: You are doing better than I
12 am.

13 MISO/John Jenkins: Yeah, I know you have your
14 hands full.

15 First Energy/Bob: We are going to start those
16 Troy units up. They are 150 megawatts each.

17 MISO/John Jenkins: Okay. That will help.

18 First Energy/Bob: So that ought to be 600
19 megawatts that we are getting on in Toledo, or
20 whatever. The first one we expect on probably the next
21 10 or 15 minutes.

22 MISO/John Jenkins: Okay. Fantastic. That will
23 be good. Have you communicated this with AEP? I know

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1 that they have some problems, voltage problems, and so
2 that will help them.

3 First Energy/Bob: No, I haven't not
4 communicated that with them, but we will let them know.

5 MISO/John Jenkins: Okay. Great. ~~Thank~~ for
6 letting us know, Bob.

7 First Energy/Bob: Thank you.

8 MISO/John Jenkins: Thanks a lot. Bye.

9 First Energy/Bob: Bye.

10 * * * * *

11

1 **2003 08-14 CH22 Primary RC 1757 hrs.WAV**

2 MISO/John Jenkins: Larry was the guy's name. I
3 don't know what his last name was.

4 MECS/Mark: Control Center, Mark.

5 MISO/John Jenkins: Hey, Mark. This is John at
6 MISO.

7 MECS/Mark: Yeah, John.

8 MISO/John Jenkins: Hey, a guy from MECS called
9 earlier, a guy named Larry, and gave us a conference
10 call number.

11 MECS/Mark: Larry Aldrink.

12 MISO/John Jenkins: Larry Aldrink?

13 MECS/Mark: Yeah, Larry Aldrink. He is the
14 supervisor of the control room.

15 MISO/John Jenkins: I just wanted to call back
16 and verify that number. We have called in and nothing
17 seems to happen when we call in.

18 MECS/Mark: Give me the number you have. I have
19 to go back and see him.

20 MISO/John Jenkins: Sure. It is Area Code
21 [PRIVATE NO.] and it is just silence when we dial in.

22 MECS/Mark: Can you hang on the line a second?

23 MISO/John Jenkins: I can.

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1 MECS/Mark: Because he is just around the corner
2 and I am just run there and talk to him.

3 MISO/John Jenkins: Okay, Mark.

4 (Pause.)

5 MECS/Mark: Yeah, John.

6 MISO/John Jenkins: Yes.

7 MECS/Mark: Let me give you another number to
8 try.

9 MISO/John Jenkins: Okay. Go ahead, Mark.

10 MECS/Mark: It is Area Code [PRIVATE NO.], and
11 then it will prompt you for a participant code, and
12 that code is [PRIVATE NO.].

13 MISO/John Jenkins: I've got that.

14 MECS/Mark: See if that works for you.

15 MISO/John Jenkins: We will try it.

16 MECS/Mark: If not, call me back.

17 MISO/John Jenkins: Thanks, Mark. Appreciate
18 it.

19 MECS/Mark: Bye.

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2003 08-14 Channel 24 Third RC 1600hrs.WAV

MISO/Mike Dimascio: This is Mike, reliability coordinator at MISO. I am interested in getting a listing of 345 transmission for facilities that you presently have out that you are aware of, and also large generating facilities. I will try to call you back soon. If you get this first, [PRIVATE NO.]. Ask for Mike Demascio. Thank you. Goodbye.

* * * * *

1 **2003 08-14 Channel 24 Third RC 1605hrs.WAV**

2 MECS/Jim: Fire and Generators usually aren't
3 good. MECS, Jim.

4 MISO/Mike Dimascio: Hi, Jim, this is Mkie from
5 MISO.

6 MECS/Jim: Hi.

7 MISO/Mike Dimascio: Security coordinator. I am
8 looking to when you get a chance to get a listing of
9 345 transmission facilities that you presently have
10 outages at right now, and out of service, so we can get
11 our arms around everything that is open right now.

12 MECS/Jim: Okay. But we are still trying to go
13 through and evaluate that. It looks like somewhere in
14 the State, and I am getting this feeling that if we are
15 islanded, we are not finding it yet.

16 MISO/Mike Dimascio: Okay. But I have got my
17 ties that are good with AEP, and that is the Palisades,
18 and Argenta.

19 MISO/Mike Dimascio: Okay.

20 MECS/Jim: And NIPSCO, I believe, is still
21 there, and we have got minimum power on those people.
22 First Energy ties are good. Asa matter of fact, I am
23 bringing First Energy power and I am wheeling that up

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1 to try and get my Monroe units on right now.

2 MECS/Jim: Okay. What else. Oh, my straight
3 ties, I am still connected there.

4 MISO/Mike Dimascio: So all of the Monroe units
5 are off right now, off-line?

6 MECS/Jim: I have all except three DECO units
7 are off-line. Yes, that's correct.

8 MISO/Mike Dimascio: All but three DECO units?

9 MECS/Jim: Yeah, and those are real small units
10 that are still on-line.

11 MISO/Mike Dimascio: Okay. So everything in
12 MECS and everything in Detroit.

13 MECS/Jim: In Detroit. Now, on the consumer
14 side, the METC side, I did lose 1,200 megawatts off of
15 one plant, and like another 800 off of another plant,
16 but on the Campbell plant.

17 MISO/Mike Dimascio: 800 off of Campbell.

18 MECS/Jim: Campbell right now, we are trying to
19 get a confirmation on it. He was down to zero
20 megawatts with his breaker open, but now he looks like
21 he has come back and he is hovering at 24 megawatts.
22 So I have not confirmed whether or not I am going to
23 get him back.

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1 I have all my Lundington pumps or generators are
2 currently running. I have got DECO and consumers are
3 trying to manually dispatch peaker sites.

4 MISO/Mike Dimascio: And the 345 (inaudible)
5 fillers, you are definitely sure they are out or open
6 right now?

7 MECS/Jim: Pardon me?

8 MISO/Mike Dimascio: Are there any 345
9 facilities that you are sure of that are definitely out
10 right now?

11 MECS/Jim: No.

12 MISO/Mike Dimascio: Okay. So as far as you
13 know, you don't know of anything that is open right now
14 on a 345 transmission?

15 MECS/Jim: Correct.

16 MISO/Mike Dimascio: Okay.

17 MECS/Jim: Can you tell me what is going on?
18 What happened?

19 MISO/Mike Dimascio: We don't know yet. We are
20 still -- we are polling around all the different-- we
21 are calling all the different control areas and
22 transmission owners, and getting a list of outages that
23 they have, and we have not determined what the initial

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1 initiation of it all was.

2 MECS/Jim: Okay.

3 MISO/Mike Dimascio: So we are still uncertain.

4 We are just hoping that everybody is taking their
5 steps to try to get their-- we know that First Energy
6 has lost a good majority of their load. I know that.
7 And there are some tie lines that First Energy lost as
8 well, and several 345 facilities, and then are some
9 control areas that also lost some 345s. But we are
10 uncertain, and we are just compiling that list right
11 now.

12 MECS/Jim: Yes.

13 MISO/Mike Dimascio: So we can find out what is
14 out there right now. So as far as you know, there is
15 no transmission in the MECS transmission system that.

16 MECS/Jim: We plan to go and look at our
17 interconnection between the two companies.

18 MISO/Mike Dimascio: And it looks like your ties
19 to First Energy and AEP, and NIPSCO seem to be intact?

20 MISO/Mike Dimascio: Yes.

21 MECS/Jim: Okay.

22 MISO/Mike Dimascio: That is a fact.

23 MISO/Mike Dimascio: Okay.

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1 MECS/Jim: All right.

2 MISO/Mike Dimascio : And give us a call back,
3 and hopefully we will have some more information to
4 give you.

5 MECS/Jim : Well, do this for me.

6 MISO/Mike Dimascio : Unhuh.

7 MECS/Jim : Give me your phone number. I don't
8 know if I can pick up a tower or not, but I am having a
9 hard time getting a hold of anybody on my damn phone
10 lines.

11 MISO/Mike Dimascio : Sure.

12 MECS/Jim: Give me a number I can do.

13 MISO/Mike Dimascio: Area Code [PRIVATE NO.].
14 My name is Mike DeMascio.

15 MECS/Jim: Mike?

16 MISO/Mike Dimascio: Yes.

17 MECS/Jim: Okay. Mike.

18 MISO/Mike Dimascio: And you are Jim, right?

19 MECS/Jim: Yes.

20 MISO/Mike Dimascio: Okay. Thanks, Jim.

21 MECS/Jim: All right. Bye.

22 * * * * *

23

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1 **2003 08-14 Channel24 Third RC 1630hrs.WAV**

2 MECS/Jim: This is Jim.

3 MISO/Mike Dimascio: Hi, Jim. This is Mike from
4 MISO again.

5 MECS/Jim: Hi, Mike.

6 MISO/Mike Dimascio: Hello.

7 MISO/Mike Dimascio : Have you learned of any
8 transmission facilities that are out yet?

9 MECS/Jim: Okay. This is what -- at first I
10 thought I was getting good reads in here, but it turns
11 out that Chuck has got me not wanting to believe that.

12 MECS/Jim: Okay.

13 MISO/Mike Dimascio: Okay. So on a failure
14 basis, I am thinking that I don't have any ties with
15 First Energy right now.

16 MECS/Jim: Okay.

17 MISO/Mike Dimascio: And we are trying to go
18 through, and we are going to try and verify that, and
19 Chuck is over there doing some of his computer magic
20 stuff, and I am trying to go through the lines here and
21 take a look at them.

22 MECS/Jim: Yeah. Okay.

23 MISO/Mike Dimascio: Because, you see, Monroe

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1 was under the -- I mean, DECO was under the impression
2 that we were using First Energy to bring up the Monroe
3 units.

4 MECS/Jim : All right. And apparently that may
5 or may not be true right now, that they are going to be
6 doing that, unless First Energy is going to be helping
7 us out here. So I have yet to get an update on that.

8 MISO/Mike Dimascio: Okay. First Energy, they
9 are utilizing Blackstart procedures right now for a
10 good portion of their system that has been separated,
11 and I suspect that the ties to First Energy are open.

12 MECS/Jim: Yes.

13 MISO/Mike Dimascio: Let's see. And also the
14 reports of CNN are that Detroit is without power.

15 MECS/Jim: That appears to be true.

16 MISO/Mike Dimascio: Okay.

17 MECS/Jim: Most or all of the Detroit units are
18 off-line, except for about 70 megawatts, and I have got
19 some Ludingtons are running right now, but we are just
20 kind of taking care of our own right now.

21 Consumers didn't take a hard hit as much, but
22 right now we are trying to make arrangements to look
23 ahead into the future, because I don't want to be

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1 sucking on the ponds with my water here too long here.

2 I am going to need to conserve that as best as I can,
3 and we might even make the decision to go ahead and
4 turn one of those generators around and make it a pump.

5 And we can use it because DECO doesn't have any
6 system out, and my ACE signal with DECO looks like I am
7 about 2,800 out.

8 MISO/Mike Dimascio: So the key is trying to
9 understand exactly what lines are open.

10 MECS/Jim: Yeah.

11 MISO/Mike Dimascio: And you figure out your
12 present state so that you can move forward, and where
13 you want to be from where you are.

14 MECS/Jim: Yeah. So I just kind of got a
15 surprise just a little bit ago when I found out that
16 First Energy ties were actually in fact opened up, if
17 they didn't open up after I had looked at them. And
18 when I looked at them early on, that is one of the
19 first things that I did, and I swore that the ties were
20 still closed, and I was doing good reads on them, but
21 that is not the case anymore.

22 MECS/Jim: I show the first alarms for the
23 consumers are the Detroit alarms start coming in at

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1 1509, and they start out with MCV midland co
 2 generation venture breaker opening on the 345, and then
 3 I show Battle Creek at 345, and Campbell at 345
 4 breakers opening. This is all at 1510.

5 MECS/Jim: Yeah.

6 MISO/Mike Dimascio: And Hampton as well, 345.
 7 And I am looking for where they may have closed and I
 8 don't see that yet anywhere. Do you know if that is
 9 closed at this point?

10 MECS/Jim: No.

11 MISO/Mike Dimascio: Okay. Any other knowledge
 12 of load loss?

13 MECS/Jim: No.

14 MISO/Mike Dimascio: Okay. Well, thanks, Jim.

15 MECS/Jim: Thanks.

16 MISO/Mike Dimascio: Talk to you later.

17 * * * * * * * * * * *

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1 **2003 08-14 Channel25 Ops Eng 1109hrs.WAV**

2 MISO/Ron Mihlbachler: MISO Carmel, Ron..

3 Cinergy/Bill: Hunter?

4 MISO/Ron Mihlbachler: No, this is Ron
5 Mihlbachler, and Don is here beside me if you need him.

6 Cinergy/Bill: Yeah, he called a while ago, and
7 I was going to talk to him, I guess. This is Bill at
8 Cinergy at Plainfield.

9 MISO/Ron Mihlbachler: Okay. Bill.

10 Cinergy/Bill: This is about the Hyland Park
11 (inaudible).

12 MISO/Ron Mihlbachler: Yes.

13 Cinergy/Bill: One thing or another thing we
14 could do along with our-- I mean, we can split the bus
15 there at greentown kind of talks about that, and I
16 think Hunter said that was already kind of figured in.

17 MISO/Ron Mihlbachler: Okay. Let me get Don on
18 here with that.

19 Cinergy/Bill: Okay.

20 MISO/Ron Mihlbachler: All right.

21 MISO/Don Hunter: This is Don.

22 Cinergy/Bill: Hi, this is Bill Harris over at
23 Cinergy at Plainfield. I guess along with splitting

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1 the bus there at Greentown, really we can do that in
2 different ways. One thing we could is like come back
3 to Hyland Park and basically just feed our load
4 regularly out of Hyland Park. As far as DELCO and
5 Chrysler, you can put one of those over on Greentown.

6 MISO/Don Hunter: All right.

7 Cinergy/Bill: Which we would probably have to
8 do because at least one of us is being partly carried
9 out of Greentown now, but--

10 MISO/Don Hunter: You are feeding Kokomo out of
11 Greentown. Did you say Highland Park out of Greentown
12 or am I missing something here?

13 Cinergy/Bill: Well, we have got on the two
14 lines, a 138 line is between Kokomo and Greentown, and
15 we have Kokomo, DELCO on one, and we have Chrysler
16 South on the other. And we are carrying-- like on the
17 DELCO load we are pretty much carrying that, and we are
18 kind of floating at Greentown.

19 MISO/Don Hunter: Oh, really?

20 Cinergy/Bill: Yeah, and so I am saying we could
21 open up Highland Park on that circuit and about 40 MVA
22 over on Greentown.

23 MISO/Don Hunter: Okay.

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1 Cinergy/Bill: Or we could -- on the other
2 circuit, we have Chrysler South, and we are carrying
3 about 70 to that. No, let's see. That's not right.
4 Yeah, we have got about 70 going in.

5
6

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1 **2003 08-14 Channel25 Ops Eng 1115hrs.WAV**

2 MISO/Eric Egge: MISO at St. Paul. This is
3 Eric.

4 MISO/Ron Mihlbachler: Hi, Eric, this is Ron.

5 MISO/Eric Egge: Hey.

6 MISO/Ron Mihlbachler: Have you messed with the
7 SDX files at all today?

8 MISO/Eric Egge: No.

9 MISO/Ron Mihlbachler: Okay.

10 MISO/Eric Egge: So you saw those errors and
11 scare you a little bit?.

12 MISO/Eric Egge: I checked IDC and they are all
13 there. I just checked the simple ones, but there were
14 two Amber Valley to Willow Creek in there, and all of
15 those seem to be in and so is the parker transformer or
16 so. I think it just pulled the error file before, or
17 the error file pulled before the IDC grabbed it, or it
18 was fixed in the meantime.

19 MISO/Ron Mihlbachler: Okay.

20 MISO/Eric Egge: I did check it to see if that
21 was right or not, but it looks like everything got in.

22 MISO/Ron Mihlbachler: Okay. Excellent.

23 MISO/Eric Egge: All right. Thanks. Bye.

24

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1 **2003 08-14 Channel25 Ops Eng 1129hrs.WAV**

2 MISO/Ron Mihlbachler: Bedford, Columbus,
3 Bloomington, Columbus. This is Ron Mihlbachler with
4 MISO in Carmel.

5 Alliant/Sue: Hi.

6 MISO/Ron Mihlbachler: And I am just calling as
7 I am working on the case or thestudy for this evening
8 for peak today.

9 Alliant/Sue: Okay.

10 MISO/Ron Mihlbachler: And just for VSAT , I
11 would like to be able to get which peakers are running.

12 Alliant/Sue: Oh, sure. Right now-- well, we
13 should have all Christiana done.

14 MISO/Ron Mihlbachler: Okay.

15 Alliant/Sue: And I have one S. Fondulac on, and
16 Blackhawk-3 is on, and we do have Rock2 back in
17 service, and so change that. I don't know if that
18 showed up or not, but it should be back on.

19 MISO/Ron Mihlbachler: In my case I had
20 Blackhawk-4 on as well.

21 Alliant/Sue: Yeah, and that just tripped here,
22 but I hope to get it back here shortly.

23 MISO/Ron Mihlbachler: Okay. In that case, I

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1 will leave it on. This is for like 6:00 p.m. tonight.

2 Alliant/Sue: Okay.

3 MISO/Ron Mihlbachler: That is what I am
4 shooting for.

5 Alliant/Sue: And that should be on then, and
6 then we have Rock-1 and 2 on, right?

7 MISO/Ron Mihlbachler: Yes, Rock1 and Rock-2,
8 and then I have Rock-3 off, and Rock-3, 5, and 6 are
9 all off.

10 Alliant/Sue: Right.

11 MISO/Ron Mihlbachler: And then the Nelson
12 Deweys.

13 Alliant/Sue: The Nelson Deweys are on fully
14 loaded; and Edge 3, 4, and 5 are on fully loaded, and
15 Columbia-1 and 2 are on.

16 MISO/Ron Mihlbachler: Okay.

17 Alliant/Sue: Any other ones? I think that
18 about covers it on the east are you interested in the
19 west as well?

20 MISO/Ron Mihlbachler: No, I am actually more
21 worried about the ones that affect the VSAT results.

22 Alliant/Sue: Okay.

23 MISO/Ron Mihlbachler: And so I think that these

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1 should do it.

2 Alliant/Sue: All right.

3 MISO/Ron Mihlbachler: All right. Thanks.

4 Alliant/Sue: You're welcome.

5 MISO/Ron Mihlbachler: Bye.

6 Alliant/Sue: Bye.

7 * * * * *

8

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1 **2003 08-14 Channel25 Ops Eng 1132hrs.WAV**

2 WeEnergy/Chris: System Control, Chris.

3 MISO/Ron Mihlbachler: Hi, Chris, this is Ron
4 Mihlbachler with MISO in Carmel.

5 WeEnergy/Chris: Hey, Ron.

6 MISO/Ron Mihlbachler: Is this the we energy
7 generation desk?

8 WeEnergy/Chris: You betcha. How may I help
9 you?

10 MISO/Ron Mihlbachler: I am working on the VSAT
11 results for the PM peak case, and I just need to be
12 able to tweak the generation part of it as to which
13 peakers might be running in your area.

14 WeEnergy/Chris: As of right now, or--

15 MISO/Ron Mihlbachler: No, as of 6:00 p.m.
16 tonight.

17 WeEnergy/Chris: 6:00 p.m.?

18 MISO/Ron Mihlbachler: Right.

19 WeEnergy/Chris: I can give you a ball park
20 figure. Obviously our load forecast is off today with
21 the humidity. It looks like we will have two Zion
22 units running until 2100, okay?

23 MISO/Ron Mihlbachler: Okay. As a matter of

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1 fact, if you want, I can just run through the ones that
2 most affect my study.

3 WeEnergy/Chris: Okay. How about Nina?

4 MISO/Ron Mihlbachler: Nina?

5 WeEnergy/Chris: Nina. That's--

6 MISO/Ron Mihlbachler: Yeah.

7 WeEnergy/Chris: Two of those until 1900. And
8 then we are going to have Whitewater on as well. Where
9 is my Whitewater one. And we will have Whitewater on
10 probably at full load until 2100.

11 MISO/Ron Mihlbachler: Okay.

12 WeEnergy/Chris: And right now those are the
13 only peakers that we have running.

14 MISO/Ron Mihlbachler: Okay.

15 WeEnergy/Chris: But if we do run another one,
16 there is a strong possibility that if we do, it will be
17 the one that you are really looking for, Germantown¹⁵.

18 MISO/Ron Mihlbachler: Yes, that will make a
19 difference.

20 WeEnergy/Chris: Yes. I talked to Steve over at
21 ATC, and he was picking up a contingency that he
22 needed, and he may need to fire that if something
23 happens. But that is about all we have got running

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1 right now.

2 So we will have two Zions, two Ninas, and a
3 Whitewater running during that time, up until 6:00 for
4 sure based on what is happening today with the
5 temperature maybe.

6 MISO/Ron Mihlbachler: Okay. That will work.

7 WeEnergy/Chris: And if anything happens to our
8 other generation, like I said, it will probably be
9 Germantown-5.

10 MISO/Ron Mihlbachler: Okay. So maybe we can
11 leave that one off for now?

12 WeEnergy/Chris: I would leave that one off and
13 then maybe check around maybe 1500 today, and at 3
14 o'clock this afternoon maybe give me a buzz, and I will
15 let you know if anything changed on generation.

16 Or if I do start it, I could call. This is the
17 security coordinator, right?

18 MISO/Ron Mihlbachler: I am actually the shift
19 engineer. I work right beside the security
20 coordinator.

21 WeEnergy/Chris: Okay. What is it going to be,
22 [PRIVATE NO.], or what is the area code?

23 MISO/Ron Mihlbachler: It is still the [PRIVATE

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1 NO.] area code.

2 WeEnergy/Chris: [PRIVATE NO.].

3 MISO/Ron Mihlbachler: [PRIVATE NO.]-- and then
4 I am at [PRIVATE NO.], and the security coordinator is
5 at [PRIVATE NO.].

6 WeEnergy/Chris: Okay.

7 MISO/Ron Mihlbachler: Yeah, I could just call
8 him and tell him that I started and he could give you a
9 buzz.

10 MISO/Ron Mihlbachler: Yes.

11 WeEnergy/Chris: I have him on a rate down.

12 MISO/Ron Mihlbachler: I sit beside him and so
13 you could do that.

14 WeEnergy/Chris: Okay.

15 MISO/Ron Mihlbachler: Okay.

16 WeEnergy/Chris: So if I start anything that is
17 going to be favorable, I will let you know.

18 MISO/Ron Mihlbachler: Okay. Thanks.

19 WeEnergy/Chris: Sure.

20 MISO/Ron Mihlbachler: Okay. Bye.

21 WeEnergy/Chris: Bye.

22 (Pause.)

23 * * * * *

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1 **2003 08-14 Channel25 Ops Eng 1207hrs.WAV**

2 MISO/Ron Mihlbachler: MISO Carmel, Ron.

3 MISO/Eric Egge: Hey, Ron, this is Eric. What
4 are you guys using for a limit on that Arnold Vinton
5 line?

6 MISO/Ron Mihlbachler: Arnold Vinton?

7 MISO/Eric Egge: It just popped up now, and you
8 guys have already gone into a three on it, and I was
9 just wondering if we have a wrong rating in there.

10 MISO/Ron Mihlbachler: I'll check.

11 (Pause.)

12 MISO/Ron Mihlbachler: Okay. We have an OSL of
13 276.

14 MISO/Eric Egge: Okay. Yeah, we had ours at
15 300. So I am going to change that. All right. That's
16 all I needed. 276 you said?

17 MISO/Ron Mihlbachler: Yeah.

18 MISO/Eric Egge: All right. Thanks a lot.

19 MISO/Ron Mihlbachler: You're welcome. Bye.

20 * * * * *

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