

1 PROCEEDINGS

2 (10:21 a.m.)

3 CHAIRMAN WELLINGHOFF: We'll call the meeting to
4 order. This is the time and place that has been noticed for
5 the open meeting of the Federal Energy Regulatory Commission
6 to consider matters that have been duly posted in accordance
7 with the Government in the Sunshine Act.

8 If we could all please rise for the Pledge of
9 Allegiance.

10 (Pledge of Allegiance recited.)

11 CHAIRMAN WELLINGHOFF: Madam Secretary, if we
12 could move to the Consent Agenda, please.

13 SECRETARY BOSE: Good morning, Mr. Chairman.
14 Good morning, Commissioners.

15 Since the issuance of the Sunshine Act Notice on
16 October 13th, 2011, Items E-9 and E-23 have been struck from
17 this morning's agenda. Your Consent Agenda is as follows:

18 Electric Items: E-1, E-2, E-3, E-4, E-6, E-7,
19 E-8, E-10, E-13, E-14, E-15, E-16, E-17, E-18, E-19, E-20,
20 E-21, E-22, E-24, E-25, E-26, and E-27.

21 Gas Items: G-1, G-2, and G-3.

22 Hydro Items: H-1, H-2, H-3, H-4, and H-5.

23 Certificate Items: C-1 and C-2.

24 As to all of the Consent and Discussion Items on
25 this morning's agenda, Commissioner Spitzer is not

1 participating. As to C-2, Commissioner Moeller is not
2 participating. As to E-4, Chairman Wellinghoff is
3 concurring with a separate statement. As to E-21,
4 Commissioner Norris is concurring with a separate statement.
5 As to E-24, Commissioner Norris is dissenting in part with a
6 separate statement.

7 We will now take a vote on this morning's Consent
8 Agenda Items beginning with Commissioner LaFleur.

9 COMMISSIONER LaFLEUR: Thank you. I vote aye.

10 SECRETARY BOSE: Commissioner Norris.

11 COMMISSIONER NORRIS: Noting my concurrence in
12 E-21 and dissent in part on E-24, I vote aye.

13 SECRETARY BOSE: Commissioner Moeller.

14 COMMISSIONER MOELLER: Noting my nonparticipation
15 in C-2, I vote aye.

16 SECRETARY BOSE: And Chairman Wellinghoff.

17 CHAIRMAN WELLINGHOFF: Noting my concurrence in
18 E-4, I vote aye.

19 If we could move to the Discussion Agenda,
20 please.

21 SECRETARY BOSE: We will now have a joint
22 presentation on Items E-11 and E-12 concerning Draft Orders
23 in Docket Nos. ER10-1791-001 and ER10-1069-001,
24 respectively. There will be a presentation by Eli Massey
25 from the Office of Energy Market Regulation, and Debbie-

1 Anne Reese from the Office of the General Counsel. They are
2 accompanied by Christie DeVoss, Elise Logan, and Sarah
3 Morze, from the Office of Energy Market Regulation; Andre
4 Goodson from the Office of the General Counsel; and Jason
5 Feuerstein from the Office of Electric Reliability.

6 CHAIRMAN WELLINGHOFF: And before you all start,
7 just for my fellow Commissioners, what I had intended to do,
8 and I think as the Secretary indicated, we are going to go
9 through E-11 and E-12, have presentations on both, and then
10 have questions after that, if that is okay. All right?

11 Please proceed.

12 SECRETARY BOSE: I also want to make one other
13 comment that we made before about the cellphones. If you
14 have your cellphones on, could you please turn them off in
15 the audience because they do interfere with the mikes.
16 Thank you.

17 MR. MASSEY: Good morning, Chairman Wellinghoff
18 and Commissioners:

19 The draft order on rehearing and compliance
20 affirms the Commission's December 17, 2010, Order accepting
21 Midwest ISO's Multi-Value Project Planning and Cost
22 Allocation Proposal, or "the MVP Proposal." That is, the
23 draft order continues to find that the MVP Proposal is just
24 and reasonable, and that it represents a package of reforms
25 that will enable MISO and its stakeholders to identify

1 transmission projects that provide sufficient regional
2 benefits to warrant regional cost allocation.

3 Specifically, on rehearing the draft order
4 continues to find that the MVP Proposal allows MISO and its
5 stakeholders to:

6 Identify transmission projects that will benefit
7 the grid and that may also satisfy documented energy
8 mandates and laws;

9 Ensure thorough, transparent consideration of the
10 many factors that will determine which transmission projects
11 should receive 100 percent cost sharing within the region;

12 Allow MISO flexibility to move forward Multi-
13 Value Projects to maximize benefits within and across the
14 region; and

15 Further progress toward the goal of facilitating
16 efficient regional transmission planning.

17 Additionally, the draft order upholds the
18 acceptance of MISO's proposal to make permanent the interim
19 cost allocation methodology for generator interconnection
20 projects and to create a new class of generator
21 interconnection projects called "Shared Network Upgrades" in
22 order to reduce the financial burden faced by an initial
23 generator interconnection customer that funds a network
24 upgrade by requiring subsequent interconnection customers
25 that benefit from the same upgrade to contribute to the

1 costs of such upgrades.

2 The draft order rejects claims that the MVP
3 Proposal is inconsistent with cost causation principles and
4 the Seventh Circuit's decision in Illinois Commerce
5 Commission stating that Illinois Commerce Commission does
6 not alter the analytical framework employed by the
7 Commission to ensure that transmission cost allocation
8 methodologies are consistent with cost causation
9 principles.

10 Additionally, the draft order rejects challenges
11 to the individual components of the MVP Proposal, such as
12 the MVP Criteria or Portfolio approach because these
13 arguments fail to consider the MVP Proposal as an integrated
14 package of reforms.

15 However, to further enhance the transmission
16 planning process, the draft order grants rehearing and will
17 require MISO to file provisions to conduct periodic reviews.
18 Specifically, the draft order directs MISO to conduct
19 periodic reviews to monitor the costs and benefits of the
20 cumulative effects of all MVP Projects approved in the
21 Midwest Transmission Expansion Plan, and to provide the
22 results and underlying analyses to the appropriate
23 stakeholder committees and to publish these results and
24 underlying analyses on its website.

25 The draft order continues to find that the

1 allocation of 100 percent of Multi-Value Project costs to
2 load, through a usage-based charge, is just and reasonable.
3 The draft order rejects arguments that the Commission failed
4 to consider benefits to generators, and reiterate the
5 Commission's previous finding that the Multi-Value Project
6 usage rate will result in just and reasonable rates
7 consistent with long-standing practice.

8 Having found that these aspects of the Multi-
9 Value Projects proposal are just and reasonable, the
10 Commission does not need to consider alternative proposals.

11 The draft order affirms the previous Order's
12 determination that MVP costs should not be allocated to PJM
13 and finds that no party has provided substantial evidence
14 demonstrating that the scope and configuration of MISO and
15 PJM have changed sufficiently to allow rate pancaking
16 between MISO and PJM to resume. In addition, the draft
17 order disagrees with claims that not allowing MVP Project
18 costs to be allocated to PJM load endorses free-riding by
19 PJM members or condones unduly preferential treatment for
20 PJM load.

21 Finally, the draft order conditionally accepts
22 MISO's compliance filing that defines the term "Portfolio"
23 and adds language to its tariff that an MVP "must be
24 evaluated as part of a Portfolio of projects, as designated
25 in the transmission expansion planning process, whose

1 benefits are spread broadly across the footprint" subject to
2 further compliance.

3 This concludes our presentation. The team is
4 available to answer any questions.

5 CHAIRMAN WELLINGHOFF: Thank you.

6 MS. REESE: Good morning, Mr. Chairman, and
7 Commissioners:

8 We present to you Item E-12, a draft order
9 addressing requests for rehearing of the June 17, 2010,
10 Order accepting Southwest Power Pool's, or SPP's,
11 Highway/Byway transmission cost allocation methodology.

12 The Highway/Byway methodology allocates costs for
13 new transmission facilities based on a facility's voltage.
14 Specifically, the costs of facilities operating at 300 kV
15 and above, which SPP refers to as Extra High Voltage
16 facilities, are allocated 100 percent across the SPP region
17 on a postage stamp basis. The costs of facilities operating
18 above 100 kV and below 300 kV are located one-third on a
19 regional postage basis and two-thirds to the zone in which
20 the facilities are located. And the costs of facilities
21 operating at or below 100 kV are allocated 100 percent to
22 the zone in which the facilities are located.

23 In the June 17th Order, the Commission found that
24 SPP demonstrated that its proposal was just and reasonable
25 by making a two-step demonstration.

1 First, it offered the results of two analyses
2 demonstrating that Extra High Voltage Facilities in the SPP
3 region were used more for regional purposes, and that lower
4 voltage facilities were more local in nature.

5 Second, SPP described the benefits that accrue
6 from regional use of Extra High Voltage Facilities,
7 including congestion relief; transmission system uploading
8 and regional reliability and stability; improvement of the
9 interconnection and transmission service requests processes;
10 facilitation of public policy goals such as increasing use
11 of renewable energy resources; and other economic benefits.

12 Rehearing parties raise a number of issues,
13 including that SPP's Highway/Byway Methodology does not
14 satisfy the cost causation principle as it has been
15 articulated by the Commission and the courts.

16 The draft order rejects this claim by finding
17 that the Seventh Circuit's Illinois Commerce Commission v.
18 FERC decision does not alter the analytical framework
19 employed by the Commission to ensure that transmission cost
20 allocation methodologies are consistent with the cost
21 causation principle.

22 The draft order finds that under the cost
23 causation principle, "it has been traditionally required
24 that all approved rates reflect to some degree the costs
25 actually caused by the customer who must pay them."

1 The draft order also finds that the courts,
2 recognizing that cost allocation is "not a matter for the
3 slide-rule," have never required a ratemaking agency to
4 allocate costs with precision; rather, "the cost allocation
5 mechanism must not be 'arbitrary or capricious' in light of
6 the burdens imposed or benefits received."

7 The draft order affirms that SPP provided
8 sufficient evidence to demonstrate that the Highway/Byway
9 Methodology is just and reasonable and not unduly
10 discriminatory or preferential.

11 The draft order finds that SPP's two analyses
12 demonstrate that Extra High Voltage Facilities in the SPP
13 Region are used more for regional purposes and that lower
14 voltage facilities are more local in nature.

15 In addition, the draft order finds that SPP
16 operates its transmission system and energy market on a
17 single-system regional basis to reliably and efficiently
18 integrate resources to serve loads throughout its entire
19 footprint, and that the strong regionally integrated Extra
20 High Voltage transmission network that results from this
21 process provides benefits to all that are interconnected to
22 it.

23 The fundamental benefit of the Extra High Voltage
24 Facilities supporting regional power flows is the
25 flexibility they provide to deliver energy and operating

1 reserves more efficiently and reliably within and between
2 balancing areas throughout the SPP footprint.

3 The draft order acknowledges that although such
4 benefits may be more appreciated at different times by
5 different customers with respect to different groups of
6 transmission projects that enter the plan, these benefits
7 are experienced by all SPP members and accrue over time.

8 The draft order finds that by distinguishing
9 between the types of facilities that are used on a regional
10 and zonal basis, the Highway/Byway Methodology will ensure
11 that allocations of costs are roughly commensurate with
12 associated benefits.

13 Accordingly, the draft order affirms the
14 Commission's finding that SPP provided probative evidence to
15 support a determination that the Highway/Byway Methodology
16 is just and reasonable and not unduly discriminatory. And
17 the draft order denies rehearing.

18 That concludes our presentation.

19 CHAIRMAN WELLINGHOFF: Thank you, Debbie-Anne. I
20 want to thank the members of your team on E-12, and also the
21 members of the E-11 team, for all the hard work that you
22 have done here.

23 Colleagues, questions? Commissioner Moeller.

24 COMMISSIONER MOELLER: Thank you, Mr. Chairman.
25 Really, just one question but posed to each team:

1 How do the Orders today impact what we did with
2 Order No. 1000, in various ways?

3 MR. GOODSON: Order No. 1000 was decided on the
4 record of that proceeding, and this is decided on the record
5 of this proceeding. To the extent there still has to be
6 compliance with Order No. 1000, that is a separate matter
7 from here.

8 MS. REESE: As we know, Order No. 1000 issued new
9 Cost Allocation and Planning requirements. SPP's
10 Highway/Byway Cost Methodology of course is an existing cost
11 methodology that SPP would need to of course follow all of
12 the requirements. SPP's actual utilities in the SPP's
13 Region would have to comply with Order No. 1000 separately.
14 And the draft order doesn't make any determination as to
15 prejudge that particular compliance effort.

16 COMMISSIONER MOELLER: Thank you.

17 CHAIRMAN WELLINGHOFF: Thank you, Commissioner
18 Moeller. Commissioner Norris?

19 (No response.)

20 CHAIRMAN WELLINGHOFF: No questions?
21 Commissioner LaFleur.

22 COMMISSIONER LaFLEUR: I was going to make a
23 brief statement if that's--

24 CHAIRMAN WELLINGHOFF: Certainly. Questions or
25 statements are completely appropriate, and welcome.

1 COMMISSIONER LaFLEUR: I will post a slightly
2 longer statement on the website, but thank you to the teams,
3 the folks at the table and all the other folks.

4 I just wanted to recognize--you know, I wasn't on
5 the Commission when SPP was voted out last summer, so this
6 was my first real involvement in their planning and cost
7 allocation case. Of course I was here when MISO was voted
8 out. But I do think these two orders are really significant
9 because they will help the regions build transmission that
10 is needed to serve customers.

11 But at the same time, transmission is expensive
12 and the costs to customers are very real. And our
13 consideration of this rehearing required a really careful
14 analysis as the team just showed part of it, and must more
15 in the Order, of whether MISO and SPP had met the legal and
16 statutory standards for allocating the costs.

17 I would just like to highlight a few factors that
18 I think are significant in the MISO and SPP transmission
19 planning and cost allocation processes, and helped us find
20 that they were just and reasonable.

21 The first is that they reflect a very strong
22 stakeholder process.

23 Second, the record in these cases shows that
24 these processes used a careful and fair selection method to
25 identify transmission projects that benefit customers across

1 the region.

2 And third, in both cases the stakeholders worked
3 hard to align benefits and costs, which is consistent with
4 cost causation principles and judicial precedent.

5 I know that the same stakeholders now have to get
6 to work on Order No. 1000 compliance, but I think this
7 morning is an important milestone.

8 Thank you.

9 CHAIRMAN WELLINGHOFF: Thank you, Commissioner
10 LaFleur.

11 Madam Secretary, I think we are ready to--or,
12 John, did you have anything?

13 COMMISSIONER NORRIS: Let me just add, I will
14 post a statement as well. I deferred on questions before,
15 but a quick comment.

16 Thanks for your work on this. I know these were
17 long, tough projects to work on. So we respect that. And I
18 have long said that cost allocation I think is one of the
19 biggest inhibitors to building transmission in this country.
20 And so the work that was done by MISO and SPP and all the
21 stakeholders I know was a tough, sometimes contentious
22 process. But they really did a yeoman's job to reach a
23 consensus and bring these to us. And I am glad we can
24 support them today.

25 I think, as Cheryl said, these really represent

1 our principles of cost causation and beneficiary pays, and
2 hopefully, as I said in my statement when we voted on this
3 originally, this is a work in progress. And this is the
4 start of hopefully a planning process for cost allocation
5 that can get new transmission built. So my hat is off to
6 the stakeholders who labored through the many hours and many
7 meetings to come up with this, and I'm glad we can support
8 it.

9 CHAIRMAN WELLINGHOFF: Thank you, John.
10 Madam Secretary, can we proceed to the vote,
11 please?

12 SECRETARY BOSE: We will take a vote on both of
13 the items, E-11 and E-12, together. The vote begins with
14 Commissioner LaFleur.

15 COMMISSIONER LaFLEUR: I vote aye.

16 SECRETARY BOSE: Commissioner Norris.

17 COMMISSIONER NORRIS: Aye.

18 SECRETARY BOSE: Commissioner Moeller.

19 COMMISSIONER MOELLER: Aye.

20 SECRETARY BOSE: And Chairman Wellinghoff.

21 CHAIRMAN WELLINGHOFF: Aye.

22 Let's proceed to our next discussion item,
23 please.

24 SECRETARY BOSE: That is on Item E-28. It is
25 concerning a draft final rule on Frequency Regulation

1 Compensation in the Organized Wholesale Power Market.

2 There will be a presentation by Bob Hellrich-
3 Dawson from the Office of Energy Policy and Innovation. He
4 is accompanied by Eric Winterbauer from the Office of the
5 General Counsel.

6 MR. HELLRICH-DAWSON: Good morning, Mr. Chairman,
7 and Commissioners:

8 The draft Final Rule before you today addresses
9 the rate design for frequency regulation service in RTO and
10 ISO organized wholesale power markets.

11 Frequency regulation is the injection or
12 withdrawal of real power by resources capable of responding
13 appropriately to a transmission system's frequency
14 deviations or interchange power imbalance, as measured by
15 the Area Control Error.

16 This service is delivered in response to a
17 dispatch signal from a system operator. Different types of
18 resources have differing capabilities to respond to
19 frequency deviations. This draft rule requires changes to
20 the compensation of resources providing frequency regulation
21 in RTO and ISO wholesale markets to ensure that the
22 compensation to all resources is just and reasonable and not
23 unduly discriminatory or preferential.

24 Specifically, the draft Final Rule implements a
25 two-part rate design for resources providing frequency

1 regulation service.

2 The first part of this payment is a capacity
3 payment. While the RTOs and the ISOs currently provide
4 capacity payments for frequency regulation service, the
5 draft Final Rule refines these existing practices by
6 requiring that a uniform market-clearing price that includes
7 the marginal unit's opportunity costs be paid to all cleared
8 resources.

9 Second, the draft Final Rule requires that all
10 resources dispatched to provide frequency regulation service
11 be paid for their performance. That is, the actual quantity
12 of service provided by a unit must be reflected in its
13 payment.

14 In this regard, the draft Final Rule requires
15 performance measurement for all resources providing
16 frequency regulation service, with payments made to each
17 resource reflecting its accuracy and performance in
18 responding to the dispatch signal.

19 The draft Final Rule does not mandate a specific
20 pay-for-performance method, or a specific performance
21 measurement. Given the differences in the designs of each
22 RTO and ISO market, these details are left for the RTOs and
23 ISOs to develop and propose.

24 Together, these reforms remedy undue
25 discrimination by requiring pay-for-performance and ensure

1 just and reasonable rates by requiring markets to send more
2 efficient price signals to incent an efficient mix of
3 resources to provide needed regulation services.

4 This allows market participants to make efficient
5 decisions and will also allow system operators to take
6 advantage of the capabilities of all resources, improving
7 the operational and economic efficiency of the transmission
8 system, and potentially lowering costs to consumers in
9 organized wholesale markets.

10 Each RTO and ISO would be required to file a
11 compliance filing within 120 days of the effective date of
12 the Final Rule. This compliance filing would propose tariff
13 revisions to implement a two-part payment design for
14 frequency regulation service. An additional 180 days will
15 be allowed to implement the provisions of the new rule.

16 This concludes our presentation. We will be
17 happy to take any questions.

18 CHAIRMAN WELLINGHOFF: Thank you, Bob. I want to
19 thank you and the members of the team. I think this is a
20 very important rule. I think it is a step the Commission is
21 taking to improve efficiency and cost effectiveness for the
22 operation of the grid for consumers.

23 I have a short statement that I will post later.
24 I also would be pleased to note that at the suggestion of
25 Commissioner Norris at our February meeting, the Commission

1 in a Notice of Inquiry issued on June 16th is seeking
2 comments on whether the goals of this Rulemaking can be
3 extended to regions outside of organized wholesale markets.

4 So, colleagues, any comments or statements?
5 Commissioner Moeller.

6 COMMISSIONER MOELLER: Thank you, Mr. Chairman.
7 We have been working on this awhile. I remember the May
8 2010 technical conference we had in this room on this
9 subject, and the team has been working hard. I particularly
10 like this approach because of course it is market based, and
11 hopefully it adequately compensates for products that
12 deliver a higher quality component.

13 So thank you, Bob, and your team on this. A
14 couple of questions.

15 First, you alluded to it in your presentation,
16 but what do you think this rule--how will it impact total
17 system costs?

18 MR. HELLRICH-DAWSON: I think we sort of view it
19 as primary and secondary effects. The primary thing we
20 expect to see is that by sending more efficient price
21 signals we expect to see more and faster responding
22 resources that have the ramping capabilities to better
23 respond to the system operator's needs into the market.

24 As it happens, we would expect to see a decrease
25 in the need for actual number of megawatts procured to

1 provide the service go down. So that would lower costs.
2 And then a secondary effect of that would be: as your
3 displaced units are no longer providing the frequency
4 regulation service, what we might think of as sort of
5 traditional slower thermal units, they can then focus on the
6 energy markets where they can operate at a more efficient
7 heat rate and therefore at a lower cost.

8 So, yes, we do expect to see that costs to
9 consumers would go down in the long run.

10 COMMISSIONER MOELLER: Right. Well the second
11 question was how it would affect traditional thermal units,
12 and you answered that already. So thank you, Mr. Chairman.

13 CHAIRMAN WELLINGHOFF: Thank you, Commissioner
14 Moeller. Commissioner Norris.

15 COMMISSIONER NORRIS: As everyone has stated
16 here, thank you for your work on this. This is I think a
17 great step forward to really a just and reasonable
18 compensation for faster ramping and more accurate resources
19 that can provide needed regulation services.

20 So really I have three things. One is, I think
21 in the long run this is going to be beneficial to consumers
22 as a more efficient way to provide regulation services.
23 Certainly I think it provides enhanced reliability, as we
24 are asking our grid to do more and more than it was designed
25 to do in its current state. Providing these types of

1 resources will be an enhancement to reliability.

2 And finally, I think it is a big plus because it
3 can assist the electric sector, electricity sector, in
4 reducing emissions by displacing, or replacing some of those
5 thermal units and generation facilities, into providing
6 energy services that will no longer be needed because of the
7 increased number of alternative sources for regulation
8 services that this will provide.

9 So this is good work to modernize our grid. So
10 thanks for your work on this.

11 CHAIRMAN WELLINGHOFF: Thank you, Commissioner
12 Norris. Commissioner LaFleur.

13 COMMISSIONER LaFLEUR: Well I would also like to
14 thank the team. I think the team did a very good job
15 crafting a draft Final Rule that reflects the comments we
16 got, and both is providing just and reasonable compensation
17 to the new technologies that can provide a fast ramping
18 service, but also to the existing technologies that provide
19 regulation through opportunity costs.

20 I also think it is great that the draft Final
21 Rule gives some flexibility to the different regions of the
22 country who are in different states of development on these
23 rates.

24 I think this rule has the potential that we will
25 hopefully see realized to deliver a lot of benefits to

1 customers by more precisely matching--you know, grid
2 operation is all about matching your load to your resources
3 every minute by minute. And this can help that happen more
4 precisely.

5 Commissioner Moeller already drew out the thought
6 of reducing the costs, but it can also enable the use of
7 other resources and improve the operation of the grid.

8 So thank you for your work.

9 CHAIRMAN WELLINGHOFF: Thank you, Commissioner
10 LaFleur.

11 Madam Secretary, I think we are ready for the
12 vote.

13 SECRETARY BOSE: The vote begins with
14 Commissioner LaFleur.

15 COMMISSIONER LaFLEUR: I vote aye.

16 SECRETARY BOSE: Commissioner Norris.

17 COMMISSIONER NORRIS: Aye.

18 SECRETARY BOSE: Commissioner Moeller.

19 COMMISSIONER MOELLER: Votes aye.

20 SECRETARY BOSE: And Chairman Wellinghoff.

21 CHAIRMAN WELLINGHOFF: I vote aye.

22 I think we are ready for the last presentation
23 item.

24 SECRETARY BOSE: The last item for presentation
25 and discussion this morning will be on Item A-3 concerning

1 the Winter Energy Market Assessment for 2011 through 2012.
2 There will be a presentation by Omar Cabrales from the
3 Office of Enforcement. He is accompanied by Chris Ellsworth
4 and Steve Michals from the Office of Enforcement.

5 There will be a PowerPoint presentation on this
6 item.

7 (A PowerPoint presentation follows:)

8 MR. CABRALES: Mr. Chairman, Commissioners:

9 Today I am pleased to present the Office of
10 Enforcement's Winter 2011-2012 Energy Market Assessment.
11 The Winter Energy Assessment is staff's opportunity to share
12 observations about natural gas, electricity, and other
13 energy markets as we enter the winter.

14 Market conditions going into the winter are
15 generally positive. Despite a 2.6 percent increase in
16 natural gas demand this year, prices remain among the lowest
17 in the past decade, due to continued production growth and
18 new pipelines transporting gas from the production areas to
19 consumers.

20 Gas-fired electric generation is benefiting from
21 the lower gas prices, raising expectations for continued
22 demand growth from this sector in the upcoming winter. As
23 has been the case in past years, we can expect localized
24 pipeline constraints in the Northeast during extreme cold
25 weather periods, as growing gas power generation adds to

1 peak gas demand for space heating.

2 I will begin by discussing the natural gas
3 markets, and talk about the electric markets later in the
4 presentation.

5 Despite record cold temperatures at the end of
6 the 2010-2011 winter heating season and strong demand for
7 electric generation for air conditioning needs this past
8 summer, U.S. natural gas prices in 2011 have remained near
9 the bottom of the 10-year range.

10 The average forward Henry Hub price for the
11 upcoming winter, November through March, is currently \$3.87
12 per million Btu. These price levels are due to record
13 setting production, robust storage levels, and pipeline
14 projects that have allowed additional supplies to flow out
15 of the production areas, helping moderate regional
16 transportation constraints and get natural gas to markets.

17 Year-to-date prices in 2011 are below 2010 levels
18 in most regions. The exception is in the Northeast where
19 prices are up for the year due to the price spikes in
20 January.

21 Additional pipeline capacity has helped moderate
22 prices across the country. According to FERC's Office of
23 Energy Projects, 8.2 billion cubic feet per day of pipeline
24 capacity went into service from January through August of
25 this year.

1 In the West, the new Ruby and Bison pipelines are
2 providing additional supplies from the Rockies to Western
3 and Midwestern markets. The increased supply from the
4 Rockies helped reduce prices in Northern California and the
5 upper Midwest.

6 In the Southeast, the Florida Gas Transmission
7 Phase VIII Mainline Expansion entered service on April 1st,
8 increasing capacity from 2.3 to 3.1 billion cubic feet per
9 day. The additional supply of Gulf Coast natural gas helped
10 moderate price spikes in Florida this past summer.

11 Between January[sic] and August, Florida gas
12 demand peaked at 4.5 billion cubic feet per day, a 22
13 percent increase from last year's peak, and gas prices
14 reached a high of \$5.23 per million Btu.

15 In contrast, during the summer of 2010
16 constraints on the pipeline resulted in frequent price
17 spikes of over \$7 per million Btu, and a high price of
18 \$12.84 per million Btu.

19 Access to new production and added natural gas
20 transportation capacity as contributed to a trend towards
21 the convergence of prices between regional markets. During
22 2011, there were fewer incidences of price spikes in basis
23 between regional gas hubs, natural gas hubs, and the Henry
24 Hub benchmark price. This trend is expected to continue
25 throughout the winter as additional pipeline infrastructure

1 comes into service and provides access to new low-cost gas
2 supplies.

3 Forward prices for winter natural gas in the
4 Northeast are significantly higher than they were last year.
5 On October 11, the winter contract forward price, November
6 to March, at New York's Transco Zone 6 was \$6.52 per million
7 Btu, 21 percent higher than last winter's forward contract
8 price on the same date in 2010.

9 The increase reflects the low forward price
10 expectations leading into last winter. Last year, added
11 pipeline capacity in the Northeast raised expectations for
12 lower winter prices. Despite the additional infrastructure,
13 the region experienced occasional pipeline constraints and
14 price spikes during the cold snaps in January and February.

15 This year, the markets seem to be accounting for
16 the possibility of similar spikes, but overall forward
17 prices remain at moderate levels.

18 Weather is a key factor in winter gas demand and
19 prices. In its most recent winter forecast, the National
20 Oceanic and Atmospheric Administration calls for average
21 temperatures in the Northeast.

22 Forward winter prices in the rest of the country
23 are relatively flat, except at the Northwest Sumas Hub which
24 is 15 percent below 2010 levels. This is due to lower
25 natural gas demand for power generation resulting from high

1 hydropower output, and also the additional supply of Rockies
2 gas via the new Ruby Pipeline.

3 I will now turn to the outlook for electricity
4 prices this winter. For the purpose of this slide, winter
5 peak electricity demand is defined as January and February.

6 Forward winter prices are generally mixed
7 compared to last year. In the Northeast, forward winter
8 prices are higher than they were at this time last year.
9 The Massachusetts Hub has the largest increase, up 31
10 percent, and New York City is 29 percent above last year's
11 price, reflecting the outlook for local natural gas prices.
12 This is important because gas is typically the marginal, or
13 price-setting, fuel in the region. Unlike the Henry Hub in
14 Louisiana, which is slightly down, the Northeast gas prices
15 are, as previously indicated, significantly higher this
16 year.

17 Forward winter prices are also higher for MISO
18 and PJM, with the Cinergy Hub up 17 percent and the PJM
19 Western Hub up 16 percent. These increases may reflect
20 higher demand from industrial power customers which at the
21 end of the second quarter was 2.5 percent higher than in
22 2010.

23 In addition, the weather forecast from both NOAA
24 and AccuWeather call for colder than average weather for the
25 Great Lakes, the Midwest, and northern plain states, which

1 may also be influencing the forward electric prices.
2 Despite the increase from last year, prices for this winter
3 are at the same level as 2010 winter prices, and are
4 significantly below the 2009 winter levels.

5 In the West, prices are generally unchanged
6 except for the Mid-Columbia Hub which is 11 percent lower
7 this year. This is consistent with winter forward natural
8 gas prices in the Northwest, which are 9.3 percent lower
9 than last year.

10 Additionally, NOAA is forecasting above-average
11 precipitation in the Northwest this winter, which could have
12 a positive effect on hydroelectric production.

13 Natural gas production continued to grow in 2011,
14 setting records throughout the year and averaging 60.3
15 billion cubic feet a day through September, a 6 percent
16 increase over 2010.

17 Shale gas now accounts for more than 25 percent
18 of U.S. production, up from 5 percent in 2007. There has
19 also been an increase in production of associated gas from
20 oil shale wells, as high oil prices led to the acceleration
21 in drilling for shale oil.

22 The Baker Hughes gas-directed rig count remained
23 relatively flat this year, but oil-directed rigs increased
24 from 777 at the beginning of the year to 1080 on October
25 14th.

1 Production growth brings its own challenges, such
2 as insufficient infrastructure to move natural gas, natural
3 gas liquids, and shale oil to markets. Also, higher on-
4 shore production in areas prone to cold weather increases
5 the likelihood of well freeze-offs, which in past winters
6 temporarily affected regional supplies.

7 In some regions, the rush to extract oil from oil
8 rich shale formations has also resulted in high levels of
9 flaring, or burning of natural gas. In the Bakken Shale
10 formation in North Dakota, for example, the natural gas
11 gathering system is struggling to keep pace with growing
12 production, and an estimated 25 percent of the natural gas
13 produced--as much as 100 million cubic feet per day--has
14 been flared this year.

15 However, major gatherers and pipelines are
16 expanding their systems and adding storage and gas
17 processing capability to get the gas to markets.

18 Marcellus Shale production has increased from 2.7
19 to 4.7 billion cubic feet per day in the past year alone.
20 In northeast Pennsylvania, where production is up 1.3
21 billion cubic feet per day from 2010 levels, pipeline
22 constraints have led to natural gas prices in the \$2 per
23 million Btu range, the lowest in the country.

24 New expansion projects should help relieve
25 constraints in the Marcellus production region this winter

1 and stabilize prices in areas with high levels of
2 constrained take-away capacity.

3 At this time there are over 6 billion cubic feet
4 of FERC-approved and proposed pipeline projects designed to
5 provide additional takeaway capacity for Marcellus shale
6 gas. In northern Pennsylvania, the Tennessee Gas 300 Line
7 Expansion Project will add 350 million cubic feet per day of
8 capacity starting this fall.

9 The Empire Tioga Line Extension will connect
10 Pennsylvania Marcellus production to the Empire Connector
11 Pipeline in New York for an additional 350 million cubic
12 feet a day of take-away capacity, also starting this fall.

13 In the southwestern Marcellus area, Dominion's
14 Appalachian Gateway will help move gas from Pennsylvania and
15 West Virginia to eastern markets starting fall of 2012.

16 Growing shale gas production has had a
17 significant impact on liquefied natural gas imports. Year-
18 to-date the eight active U.S. LNG terminals have operated at
19 only 5 percent of capacity.

20 Some Gulf Coast terminals have managed to extract
21 value from their under-utilized facilities by providing
22 temporary storage of landed LNG before sending it to higher
23 priced destinations around the world. These LNG re-exports
24 amounted to 45 billion cubic feet through the first nine
25 months of 2011, about 19 percent of total U.S. LNG imports

1 over the same period.

2 Decreasing LNG imports are due to the low price
3 of natural gas in the United States compared to the world
4 markets. In 2007, U.S. natural gas prices commanded a \$4
5 per million Btu premium over the National Balancing Point in
6 the United Kingdom, and LNG imports peaked at almost 100
7 billion cubic feet per month.

8 Since the fall of 2007, U.S. prices have
9 generally been at a substantial discount to world LNG
10 prices, and LNG imports have tumbled. Current winter
11 forward natural gas prices at Henry Hub are \$6 to \$8 per
12 million Btu lower than comparable European prices. LNG does
13 continue to play a role in the Northeast where imports
14 through Everett in Boston and Canaport in New Brunswick,
15 Canada, are underpinned by long-term contracts.

16 Natural gas storage levels are an important
17 indicator of the industry's ability to meet winter demand.
18 As of October 7, 2011, U.S. working gas in storage was 2
19 percent above the 5-year average, and is expected to end the
20 injection season near or above the record set last year.

21 This year's injection season began slowly due to
22 high temperatures and robust use of natural gas as an
23 electric generation fuel. Record heat in the Gulf Coast and
24 Midwest led to a 5 percent increase in summer power burn,
25 resulting in lower injections in those regions. Also,

1 Rockies natural gas, which in the past would have flowed to
2 fill Western storage, flowed east to meet the high demand.

3 Since August, however, injections have been
4 strong as demand moderated with the end of the summer
5 cooling season. Currently, the East region is one percent
6 below the 5-year average, the West is 3 percent higher, and
7 the producing region is up 7 percent. At the current
8 injection rates, natural gas in storage should be sufficient
9 to meet winter demand.

10 U.S. natural gas demand for power generation is
11 up 3.6 percent through October 14, driven by the high summer
12 electricity demand. In addition, natural gas continues to
13 displace some coal used for electric generation,
14 particularly in the East, due to rising coal prices and
15 lower natural gas prices. In 2011, the central Appalachian
16 coal price is 22 percent higher than in 2010, and Powder
17 River coal is up 7 percent.

18 In some regions, gas-fired power generation for
19 the peak winter months, January through March, has been
20 increasing for the past few years due to new gas-fired units
21 and greater utilization of existing ones.

22 This is of special interest in the Northeast
23 where generation demand on peak days can coincide with
24 heating load demand. These coinciding peak events can
25 strain the pipeline delivery system and lead to fuel supply

1 restrictions on natural gas-fired units, as regional gas
2 pipelines prioritize deliveries to customers holding firm
3 transportation rights. In recent winters, these coinciding
4 peaks have led to occasional price spikes but no major
5 reliability issues.

6 In other sectors, years-to-date residential and
7 commercial demand rose 3.5 percent, mostly due to the cold
8 temperatures in the first quarter. This growth is offset by
9 the small uptick in industrial gas demand, up only 0.2
10 percent due to the slow pace of the economic recovery. U.S.
11 natural gas demand for all sectors is up 2.6 percent from
12 last year.

13 Two prime factors that influence the level of
14 electric consumption from year to year are the economy and
15 weather. The level of economic activity is reflected
16 primarily in industrial electric consumption, which is
17 largely immune to weather effects. By contrast, electric
18 demand in the residential sector is more sensitive to
19 weather.

20 The industrial sector makes up 25 to 30 percent
21 of total electric consumption. At the trough of the
22 recession in 2009, annual demand by industrial users was the
23 lowest in 10 years. Industrial demand has grown steadily
24 since then. As the chart shows, industrial electric use
25 when compared to the same month a year earlier has grown

1 each month of 2010 and so far in 2011. These levels,
2 however, are still below the industrial consumption prior to
3 the Recession.

4 As reported to the Commission in August, during
5 the first week of February 2011 the Southwest Region
6 experienced unusually cold weather that resulted in the
7 widespread loss of electric and gas service. Over 3.7
8 million electricity customers were affected, as utilities
9 were forced to initiate rolling blackouts totaling over
10 6,000 megawatts. At the same time, local distribution
11 companies interrupted gas service to more than 50,000
12 customers in New Mexico, Texas, and Arizona.

13 A joint inquiry by the Federal Energy Regulatory
14 Commission and the North American Energy Reliability
15 Corporation looked into the causes of the outages and made
16 recommendations.

17 These recommendations, released in August 2011,
18 included measures that electric and natural gas companies
19 can take to reduce the chances of similar events in the
20 future such as steps to weatherize equipment, and adopt
21 procedures to prevent similar problems in the future.
22 Additional inquiries and recommendations were launched by the
23 industry and by state regulators.

24 At this time there are several state level
25 initiatives underway to address the issues. On the electric

1 side, the Salt River Project in Arizona has made
2 infrastructure and procedural improvements to better handle
3 cold weather events.

4 Staff of the New Mexico Public Utilities
5 Commission is preparing a report on the outages to include
6 recommendations for weatherization and other infrastructure
7 improvements. Under new Texas legislation, the Texas Public
8 Utility Commission has directed its electric utilities to
9 update their emergency plans and recommend improvements.

10 On the gas side, the New Mexico legislature and
11 PUC are awaiting a formal report and recommendations from
12 the state task force established to investigate the event.
13 However, the New Mexico Gas Company has begun installing
14 additional gas valves to better control their system and
15 procured additional storage capacity at the Chevron Keystone
16 Storage field.

17 The Arizona Corporation Commission reviewed the
18 circumstances surrounding the gas outages. The ACC has said
19 that it would like to see underground natural gas storage
20 developed in the State.

21 This concludes the 2011-2012 Winter Assessment.
22 We will answer any questions you may have.

23 CHAIRMAN WELLINGHOFF: Thank you, Omar, Chris,
24 Steve, and all the members of your team. Thank you so much
25 for putting together this extremely comprehensive report. I

1 appreciate it very much.

2 Colleagues, questions? Commissioner Moeller.

3 COMMISSIONER MOELLER: Thank you, Mr. Chairman.

4 It is nice to see an assessment like this contrasted to what
5 we looked at three or four years ago when prices were
6 significantly higher and, frankly, it was a little bit
7 different to be a regulator under those circumstances when
8 people didn't like high prices.

9 We have I think talked about a number of the
10 causes. Industrial output is down based on economic
11 factors, but what has really changed the game is shale gas,
12 as you talked about, growing now to 25 percent of U.S.
13 consumption.

14 The fact is that we have also played a role with
15 the pipelines and the storage companies in expanding that
16 infrastructure so that we could absorb that gas. And yet,
17 people have to understand that if they want to restrict this
18 access to shale it will have consequences.

19 I am curious about your thoughts about long-term
20 prices related to what is an emerging debate over LNG
21 exports. Did you take a look at the potential impact on
22 prices with export now of an option than it was the last few
23 years? And whether that also has an impact on electricity
24 prices?

25 MR. ELLSWORTH: I'll take a stab at that. On LNG

1 exports, I think there are a number of terminals proposed on
2 the Gulf Coast. Even Cove Point is looking at potentially
3 doing exports. If all those terminals were to be built--and
4 I am not saying that they would be built--if all those
5 terminals were to be built, they would amount to about 10
6 percent of current gas production.

7 So if they were all built, then it potentially
8 could have an impact on prices. However, there are perhaps
9 a number of economic obstacles, or hurdles that they have to
10 overcome I think before they will see the light of day.

11 COMMISSIONER MOELLER: Agreed. But in terms of
12 projecting impact on prices, have you--

13 MR. ELLSWORTH: We have not projected the impact
14 on gas prices. And actually I haven't seen a projection
15 based on all the terminals being built.

16 COMMISSIONER MOELLER: So if you haven't done
17 that, you probably haven't extended it to electricity, I
18 presume.

19 MR. ELLSWORTH: Right.

20 COMMISSIONER MOELLER: Okay. Thank you for
21 bringing up the joint inquiry of FERC and NERC into the
22 Southwest outage. Again, I urge the public to read that
23 report. I think it was extremely well done. It is a good
24 description of what happened, and potential remedies to
25 prevent it from happening again.

1 But the whole issue that I think you highlighted
2 with gas is that we're becoming, with the two sectors, there
3 are interoperability issues, there are coordination issues
4 that are only going to get more challenging as we use more
5 gas to make electricity.

6 And specific to the Northeast, with significant
7 nongas fossil retiring in the next few years, and this may
8 be a question for Jeff Wright, but are we seeing any
9 pipeline expansion in the Northeast at this time?

10 MR. WRIGHT: Commissioner, what we are seeing, if
11 you hone in on the New England section of the Northeast, we
12 are really not seeing any current expansion before us, or
13 any in the foreseeable future. That is primarily three
14 interstate lines, Tennessee, Algonquin, and Maritime. So we
15 don't see any expansion upon their systems that would serve
16 markets in New England.

17 Now looking at the broader Northeast, and if you
18 take Pennsylvania, New Jersey, on up, there is significant
19 pipeline expansion in the Marcellus Shale area, bringing gas
20 to market in that extent. And I would dare say that would
21 flow to more middle Atlantic up to New York City markets for
22 use there, but not necessarily New England in terms of
23 expanded capacity to those markets.

24 COMMISSIONER MOELLER: Thank you. Well I'm sure
25 Commissioner LaFleur has some thoughts on this, but as we

1 look to New England and the near future, and increased usage
2 of natural gas to make electricity, and perhaps a lack of
3 pipeline expansion, I think it highlights the need for us to
4 be watching this situation extremely carefully and being
5 proactive in working not only with New England but the other
6 regions of the country. Even my home in the Pacific
7 Northwest has had issues in this area when peak demands
8 occur. And I would like us to be proactive so that we can
9 do our best to prevent similar outages as to what happened
10 not only in the Southwest but the near-miss in New England
11 in 2004.

12 Thank you, Mr. Chairman.

13 CHAIRMAN WELLINGHOFF: Thank you, Commissioner
14 Moeller. Commissioner Norris.

15 COMMISSIONER NORRIS: Thanks. Thanks for your
16 work on this. Amongst all the good news in this, which
17 there is, there are also those concerns that Phil has just
18 mentioned. Let me just follow up on a couple of those.

19 Particularly on storage, which could have been a
20 factor in the Southwest instance, but I also think in the
21 Southwest there's been not as much incentive to bring on
22 storage because of ample supply. Is the new ample supply in
23 for instance the Marcellus Shale impacting in your minds
24 exploration, or more storage development in the Northeast?
25 Or how much is that a part of the solution to some of the

1 problems we talked about?

2 MR. CABRALES: What we have seen over the last
3 year is a very small uptick in new storage going into
4 service. The current gas prices and the forward gas curve
5 doesn't provide economic incentives to invest in new storage
6 at this point. So for the time being we are not seeing a
7 large storage development.

8 COMMISSIONER NORRIS: Let me jump to the LNG
9 topic that Phil talked about. That is, you mentioned in the
10 Northeast the Everett and Canaport facilities are still
11 under long-term contract, and we've known we have
12 constraints in the Northeast. How long are those contracts?
13 Are we going to see increased constraints if folks get out
14 of those contracts and want to get tapped into the Marcellus
15 Shale gas in New England?

16 MR. ELLSWORTH: The contracts in Everett I
17 believe run through--they've got two contracts with
18 Trinidad. One I believe runs through 2018, and the other
19 one runs through 2020. So that they are well out into the
20 next decade.

21 And on Canaport, there they have a two-year
22 contract with I think it's Caltech Gas. It's a short-term
23 contract, and it is unclear as to where they're going to get
24 their LNG from once that contract is up. Then they're going
25 to be on the spot market.

1 COMMISSIONER NORRIS: Do they have pipeline
2 capacity to replace that with?

3 MR. ELLSWORTH: The Canaport, there is the new
4 Deep Panuk Field in Nova Scotia that is supposed to be
5 coming on, and that I think came on just very recently. And
6 so you'll find a situation where Canaport is actually
7 competing with Deep Panuk for the New England market.

8 And Deep Panuk is kind of replacing the Sable
9 Island production that has been declining recently. So
10 there is good option from Canada, still, for New England.

11 COMMISSIONER NORRIS: Back on the storage issue,
12 I noted that it sounds like we are rapidly trying to pump
13 gas into storage because we are using more gas in generation
14 and for the summer peak load.

15 How much is that going to become compounded in
16 the future if we're using more gas for generation in the
17 summer? At what point can we not catch up in the fall with
18 increased injections without increased storage capacity?

19 MR. CABRALES: Well at this point I don't have a
20 specific timeline. Obviously if demand continued to
21 increase, at some point the current infrastructure will be
22 taxed. What we have seen in the past though is, as demand
23 increases, market players have been making investments to
24 expand capacity. We have seen significant expansion in
25 pipeline capacity in the Northeast, and prior to this year

1 there was also significant storage capacity increase.

2 So what we are likely to see as demand increases
3 is the market responding to that and maintaining
4 infrastructure that can keep up with the demand.

5 COMMISSIONER NORRIS: It's a problem we're going
6 to have to look at going forward, I think.

7 Thanks, Mr. Chairman.

8 CHAIRMAN WELLINGHOFF: Thank you, Commissioner
9 Norris. Commissioner LaFleur.

10 COMMISSIONER LaFLEUR: Thank you. And thank you
11 for that very thorough report.

12 I did have a few questions. Looking at the slide
13 5 with the Forward Price increases, New York, Massachusetts,
14 and so forth, I remember looking at a similar slide to this
15 last year. Did last year's Forward Prices track pretty well
16 with actual prices? I mean, how much change is there
17 between when we sit here and look at Forward Prices and then
18 what develops?

19 MR. MICHALS: Last year's actual cash spot prices
20 fluctuate, as they normally do, up and down as weather
21 events and demand change, but overall what we saw was that
22 in the Northeast in particular that the actual cash prices
23 settled higher than the Forward Prices. So that is somewhat
24 reflected in what we see this year in the Forward Prices
25 going up.

1 COMMISSIONER LaFLEUR: That is not a reassuring
2 answer, but it sounds like an accurate one.

3 (Laughter.)

4 COMMISSIONER LaFLEUR: So I guess--I wonder if
5 you could expand a little bit more on why prices in the
6 Northeast are so much--you know, the price trajectory is so
7 different than the trajectory in other regions? It seems to
8 be more than can be accounted for just by the natural gas
9 prices. This is the electric trajectory. And can you
10 suggest any developments that might moderate those prices?

11 MR. MICHALS: So in the Northeast, the electric
12 generation marginal fuel source is natural gas. And by and
13 large, we believe the electric prices do track the increase
14 in the natural gas prices that we saw.

15 And the other point of reference on this is that
16 last winter with the increase in supply of gas that folks
17 were expecting, quite possibly the Forward Prices were a bit
18 depressed relative to historical Forward Prices where we
19 typically see a rise in the winter, and they seemed a bit
20 subdued last winter maybe more than folks would in hindsight
21 have wanted them to be.

22 So last year's Forward Prices were unusually low,
23 I would say. And so what we have seen this winter is a
24 return to more typical winter patterns. So two years ago
25 they were--there was a higher premium in the Northeast.

1 I'm not recalling your second question?

2 COMMISSIONER LaFLEUR: It was, do you have any
3 thoughts as to what might mitigate that? I mean, we talked
4 about new pipeline capacity. Obviously changes in fuel mix.
5 You know, lowering of electric peaks. I mean, do you have
6 any--

7 MR. MICHALS: So historically in the Northeast,
8 and they are increasingly relying on natural gas, so we see
9 a rise in gas prices and a corresponding rise in electric
10 prices, and one of the moderating factors is when demand
11 gets excessive, or when we've got extreme weather, rather, I
12 should say, there is some amount of fuel-switching
13 capabilities, which does provide a bit of a mitigating
14 factor on the electricity prices.

15 COMMISSIONER LaFLEUR: Thank you.

16 I just want to turn quickly to the topic that
17 Commissioner Moeller talked about about gas and electric
18 interdependency. I do remember the January 2004 near-miss,
19 which then led to new communications protocols being put in
20 place by ISO New England, approved by FERC at that time, for
21 gas-electric communication.

22 Now after the more than near-miss in the
23 Southwest, it seems like we are seeing localized actions in
24 Texas and New Mexico. Are there things you think we should
25 be thinking of for grid operators more generally as we see

1 really a growth in gas generation in just about every part
2 of the country?

3 MR. MICHALS: To the extent that gas is a growing
4 source of supply for electric generation, that will always
5 be an area to watch. And we are looking at that.

6 One of the things we certainly encourage is
7 greater coordination with the gas pipelines. And we have
8 seen that New England has taken steps in that area, and it
9 has bolstered their procedures for coordinating maintenance
10 and utilization and warnings for extreme weather and higher
11 usage on gas pipelines that may affect gas generation during
12 extreme events.

13 Likewise, in other regions we encourage, to the
14 extent there is extreme weather, there is always an issue,
15 and the northern climates tend to be more attuned to this
16 given the regular occurrence of more severe weather, their
17 structures are typically enclosed and more robust for that
18 weather. Nonetheless, it still can happen where you get ice
19 storms and transmission outages, and that sort of thing. So
20 it is something we watch for and encourage folks to stay
21 closely attuned to.

22 COMMISSIONER LaFLEUR: Thank you very much.

23 CHAIRMAN WELLINGHOFF: Anything else,
24 Commissioner LaFleur?

25 COMMISSIONER LaFLEUR: No, thank you.

1 CHAIRMAN WELLINGHOFF: You're welcome. I believe
2 that completes our presentations.

3 One thing I didn't do, though, at the beginning
4 was some announcements. And apparently we do have some
5 announcements.

6 Commissioner Moeller.

7 COMMISSIONER MOELLER: Thank you, Mr. Chairman.

8 I want to announce a couple of changes to my
9 staff. For those of you who may know Jason Stanek, who
10 handled Eastern issues for me, is taking a seven-month
11 detail to the Department of Justice. Thank you,
12 Mr. Chairman, for agreeing to let him have that career
13 opportunity. But he will be back.

14 In the meantime, Jesse Hensley, coming from East,
15 will join our team. Jesse has been at FERC for nine years,
16 working on Competitive Markets. He is a native Marylander.
17 He has been to 48 of the 50 States. I'm not going to tell
18 you which two he hasn't been to. And he remains a diehard
19 fan of the Redskins and Wizards, despite their losing ways.

20 (Laughter.)

21 COMMISSIONER MOELLER: So it is good to have you
22 here.

23 The other addition to my staff is Terry Burke.
24 Terry received his Law Degree from the University of Chicago
25 24 years ago. In the meantime, he has worked for Niagara

1 Mohawk, Allegheny, recently with Entergy, and for the last
2 year he has been in our Office of Electric Reliability under
3 Mr. Joe McClelland. So I am happy to announce that he has
4 joined our team doing Western issues.

5 Terry, welcome. And he is replacing Jennifer
6 Shipley, who may of you knew. She is moving to the Office
7 of Energy Markets and Rates to work on the Imbalance issues
8 in the West. If you haven't seen her for the last couple of
9 weeks, it is because she has been on her honeymoon. I want
10 to thank her for her service to the 11th Floor, and me
11 particularly, and she can also now be known as Mrs. Matthew
12 Deal.

13 So, Jennifer, congratulations.

14 (Applause.)

15 COMMISSIONER MOELLER: Thank you for the chance
16 to make those introductions, Mr. Chairman.

17 CHAIRMAN WELLINGHOFF: You are very welcome.
18 Anybody else have any announcements?

19 (No response.)

20 CHAIRMAN WELLINGHOFF: If not, then we are
21 adjourned. Thank you.

22 (Whereupon, at 11:23 a.m., Thursday, October 20,
23 2011, the Commission meeting was adjourned.)

24

25