

**Joint Meeting of the  
New York State Reliability Council, L.L.C. (NYSRC)  
Reliability Rules Subcommittee (RRS)/  
Reliability Compliance Monitoring Subcommittee (RCMS)  
NYSERDA, 17 Columbia Circle, Albany  
Thursday, September 3, 2015**

**Minutes of RRS Meeting No. 193**

**RRS Members and Alternates:**

Roger Clayton, Electric Power Resources (Chairman)  
Larry Hochberg, NYPA (Vice Chairman) (phone)  
Abhilash Gari, NYPA (phone)  
Roy Pfleiderer, National Grid  
Martin Paszek, Con Edison  
Brian Gordon, NYSEG/RGE

**Non-Voting Participants:**

Jim Grant, NYISO  
Mark Capano, NYISO  
Nicole Bouchez, NYISO  
Liam Baker, US PowerGen (phone)  
Mayer Sasson, Con Edison (phone)  
Chris Sharp, NYISO  
Greg Campoli, NYISO  
Wayne Sipperly, NYPA  
Paul Gioia, Counsel

RRS Meeting # 193 was called to order by Mr. Clayton at 9:30am.

**1. Introduction**

1.1 Executive Session

None requested.

1.2 Requests for Additional Agenda Items

Reforming Energy Vision (REV) was added for meeting item 6.1.

## **2. Approval of Minutes / Action Items**

### 2.1 Approval of RRS Minutes #192

RRS reviewed the Minutes from the last meeting. Minor changes were incorporated and the minutes are considered as final.

### 2.2 RRS Action Items List

Action Item 192-3: Completed

Action Item 192-2: On agenda today and status changed to complete.

Action Item 192-1: On agenda today and status changed to complete.

Action Item 191-6: On agenda today and status changed to complete Agenda, completed with Nicole.

Action Item 191-2: This is still in progress until October.

Action Item 191-1: On agenda today and status changed to complete.

Action Item 189-6: Status is still ongoing.

Action Item 188-1, 2, 3: Status is still ongoing.

## **3. NYSRC Reliability Rules Development**

### 3.1 Outstanding PRR List

#### 3.1.1 PRR 121, 122, TO Corrective Action Plan

Mr. Grant discussed the responsibility of the TO to provide corrective action plans to the NYISO. It was noted that the NYISO is involved at some level and has some responsibility in requesting and considering market solutions for reliability issues. NYISO is re-considering the language to better address the market solution portion of the corrective action plans. Mr. Clayton mentioned an answer will be needed in conjunction with Directory 1.

#### 3.1.2 PRR 128 BPS Definition

At the last meeting, Mr. Paszek stated that the radials are not BPS elements. Mr. Clayton mentioned that if a bus is a BPS element then all elements attached are BPS at the NPCC. Mr. Paszek described an example of a four element BPS bus supplying a network load with a N-1/-1 scenario that could potentially result in a

reliability problem. There was much discussion over the BPS definition at NPCC vs. the list that would exist under the revised definition for the NYSRC. Mr. Paszek stated that the BPS definition does not have to be the same between NYSRC and NPCC. Mr. Conroy submitted a comment and concern over a BPS definition for NY that is different than NPCC. There are two potential ways forward: table this issue or to forward this issue to the EC for resolution. As a result of this discussion during this meeting, this item will be tabled until NPCC defines the new BPS methodology. Mr. Clayton will contact David Conroy to get more clarification on his views and to determine if the BPS definition issue will be placed on the NPCC agenda (**Action Item 193-1**).

### 3.2. Dual Fuel generator testing and fuel supply

Generators that were equipped with dual fuel experienced about a ten percent failure rate this last winter with staying online during fuel switching. This has leads to consideration of additional reliability rules that may require dual fuel unit testing or requirements of fuel resource verification, etc. to ensure fuel assurance.

At this meeting, the NYISO presented a PowerPoint that described existing and recent NYISO market initiatives and stated that these measures are the best way to provide a market incentive so that generation will seek to be reliable and available for many different operating situations. The NYISO identified market incentives that are targeted to improve performance for the capacity market and the energy market. They also mentioned recent internal improvements with gas - electric coordination. The energy market consequences forces the generator unit to buy out of their day ahead position with in day pricing which is typically higher especially during days where generation is greatly needed. The capacity consequences for the units not being available shows up by using the EFORd as an input to calculate the unit's next capability year capacity value. The more the unit is not available, the less capacity they can sell into the market; therefore, it represents a significant market incentive.

NYISO mentioned that there is no immediate problem identified in the NYISO that would require any additional reliability rules given the current market design. PJM and NE are different markets and they have recently adopted some of the NYISO market practices to improve unit availability. PJM has coal retirement concerns and NE has end of pipeline concerns especially given the heavy dependence on gas for generation. The NYISO mentioned that the gas day is better accommodated in the electric day at the NYISO. There is also better integration of reliability units in the NYISO commitment process. They have found that posting early is a better system so that gas can be more aptly secured. It was also mentioned that monthly capacity markets are a better and more accurate method to reflect actual operational restrictions of units as opposed to markets that have annual capacity markets.

The NYISO is also considering a project next year to study if the existing market incentives are great enough. Mr. Paszek asked if the transmission owner is made aware of fuel shortages of units within their service territory. Mr. Sharp will ask if the

transmission owner gets notified of these events (**Action Item 193-2**). The NYISO fuel survey is collected weekly and has a 90% completion rate.

Shortage pricing – price signals when supply is short. Graduated pricing curve more accurately matches the need. This pricing is in place before an emergency arises. The SENY reserve region was created for operational needs to better align with operating practices. The NYCA reserve requirements increase.

Scarcity pricing – pricing that is in place during demand response program activation. The reason this is required that the demand response program reduces load which results in a price decrease which would send the wrong pricing signal to the market. During the activation the price will increase to \$500 or the LBMP so that the units will respond towards higher generation levels during the scarcity and experiences a penalty in reducing generation.

The NYISO has an informal criterion to identify a critical operating day. Focus should be made to identify unit trips that occurred during those most important time frames. There is an open action item for NYISO to approach generation that was not successful. NYISO management is currently considering this request. Fuel switching events for the first three months of last winter were unusual at about 170 events. Mr. Clayton requested that the NYISO obtain the same data for previous years for comparison sake (**Action Item 193-3**)

### 3.3 Bucket List

Mr. Clayton asked Mr. Adamson to review Bucket List and provide recommendation (**Action Item 193-6**)

## 4. NPCC Directories

### 4.1 Directory 1 Discussion

Mr. Smith reported it may go out for approval in September. No substantial changes were being made to Directory 1. Once this is approved, the membership will be requested to vote. There were no major changes to the tables but there was some discussion on the footnotes. The RRS is now expecting a final posted of this Directory by the end of October. It was mentioned that ISO-NE has many 115 kV facilities that were added as BPS facilities and has submitted a ten year plan to implement these design changes.

## 5. NERC SARS/Organization Standards

### 5.1 NERC Standard Tracking

Request for a BAL-002 no vote.

## **6. Additional Agenda Items.**

### **6.1 Reforming the Energy Vision (REV)**

Reforming the Energy Vision (REV) will include behind the meter renewable resources. A question was raised at the EC about what might the reliability impacts and implications be to the NYISO. After REV is in place, will the NYISO be able to know what the load will be in real time? A conservative approach is to plan for it not being online. Mr. Gioia will take as an action item to approach the PSC to identify potential reliability impacts (**Action Item 193-4**). RRS will need to develop a list of questions to ask in advanced of the meeting (**Action Item 193-5**).

## **7. Reports**

### **7.1 NYSRC EC Meeting Report**

There is nothing additional to report. PRR 127 approved by EC and now part of the rules. Emergency transfers are being tracked. Exception list and REV were discussed.

### **7.2 NYSRC ICS Meeting Report**

Mr. Adamson stated ICS is working to finalize study assumptions and are having troubles resolving in the PJM model. Performance has approved over last two years and has resulted in IRM reduction. Studies should be resolved next week.

Meeting ended at 13:00.

## **Next Meeting #194**

Thursday, October 1, 2015; 9:30 am @ NYSERDA, 17 Columbia Circle, Albany