

## ***FINAL***

### ***New York State Reliability Council (NYSRC) Reliability Rules SubCommittee (RRS) Minutes of Meeting #2***

***Consolidated Edison Co. of NY, Inc.  
4 Irving Place, New York  
Monday, July 26, 1999***

#### **Attendance**

|                           |   |            |
|---------------------------|---|------------|
| Mayer Sasson (Chairman)   | Consolidated Edison Company of NY, Inc. | Member     |
| Roger Clayton (Secretary) | PG&E Generating                         | Member     |
| Keith O'Neal              | New York State PSC                      | Member     |
| Larry Hochberg            | New York Power Authority                | Member     |
| Larry Eng                 | Niagara Mohawk Power Co.                | Member     |
| Steve Corey               | New York Power Pool (ISO)               | Member     |
| Alan Adamson              |   | Consultant |
| Karl Tammar               | New York Power Pool (ISO)               | Guest      |
| Hank Masti                | New York State Electric & Gas           | Guest      |
| Bill Jaeger               | Consolidated Edison Company of NY, Inc. | Guest      |

The meeting was convened at 10:00 am and adjourned at 3:30 pm with a break for lunch. Mssrs. Sasson, Clayton, O'Neal (part-time), Hochberg, Adamson, Tammar and John Adams (NY ISO, part-time) participated in a follow-up conference call on Friday, July 30, 1999 to clarify the existing source references. Mssrs. Sasson, Clayton, Hochberg, Adamson, Corey (part-time) and Tammar participated in a follow-up conference call on Tuesday, August 10, 1999 to further clarify the existing source references.

#### **Introduction**

Mr. Sasson proposed the following agenda:

- < Continued review of NYSRC "Reliability Rules for Planning and Operating the New York State Bulk Power System", Draft Mark-Up 6/11/99 (NYSRC RR).
- < Action items from RRS #1

There being no objection the agenda was adopted.

**Review of NYSRC "Reliability Rules for Planning and Operating the New York State Bulk Power System", Draft Mark-Up 6/11/99 (NYSRC RR).**

Mssrs. Tammar, Masti and Jaeger were requested to attend this meeting to assist in the identification of source references for the NYSRC RR document. Mr. Sasson noted that the NYSRC EC next meets on August 11, 1999 and expects the RRS to make a recommendation concerning adoption of the NYSRC RR document at that meeting. The RRS task prior to that date is to confirm that all rules contained in the NYSRC RR document are existing and to recommend changes to the 6/11/99 rules document accordingly.

Mr. Jaeger explained that the 6/11/99 draft was a revision of a prior compilation of rules developed in connection with the May 2, 1997 FERC filing. The ISO/PE group performed it with review by the NYPP Operating and Planning Committees. The revisions were in three areas:

- < Changing references from NYPP to ISO etc.
- < Minor editorial changes
- < Codification of local reliability rules

Mr. Jaeger explained that the majority of the ISO/PE group effort was on the latter point. The group initially accumulated approximately 120 local reliability rules which, upon analysis, broke down into three classifications:

- < Unique rules (6). These are the six rules noted in Appendix C of the NYSRC RR document.
- < Exceptions to criteria (21). These are the twenty-one exceptions noted in Appendix B of the NYSRC RR document.
- < Applications (93). These were approximately ninety-three specific applications of reliability rules and therefore were not considered to be of concern to the NYSRC.

The bulk of the meeting was spent in reviewing the NYSRC RR document. The procedure followed was to review each section in the NYSRC RR document and to note its basis in existing NYPP, NPCC or FERC documents.

Table 1 shows the NYSRC RR section number and corresponding reference as identified by Mssrs. Tammar, Masti and Jaeger. Table 2 lists the references.

The subcommittee then turned its attention to NYSRC RR Appendix C, "Local Reliability Rules of the New York Transmission Providers" with the following conclusions.

- LRR 1. Add ConEd rule SO17-2-5 as an existing source reference.
- LRR 2. Add ConEd rule SO3-11-4 as an existing source reference.
- LRR 3. Add ConEd rule SO3-17-5 as an existing source reference.

LRR 4. Add ConEd rule SO5-2-5 as an existing source reference.

LRR 5. Add LIPA reference from Rich Bolbrock.

LRR 6. Add ISO/TO Agreement, Section 2.06. Add Blue Book, Section II-A-1, "Schedule Requirements Prior Day".

There was discussion about the basis for LRR 6 as an existing rule. Under NYPP, local utilities are responsible for the day-ahead commitment of generating units. Under the ISO, this function will be centrally performed by the ISO and is the basis for the Day-Ahead market. Although the ISO's Security Constrained Unit Commitment (SCUC) program considers local reliability rules one through five, it has been recognized that operating circumstances may adversely impact the short-term reliability of the TP's local system and may require relief through additional unit commitment. Thus, LRR 6 gives TPs the right to request additional units if warranted to address local reliability issues if that is an action that would have normally been taken under NYPP operation. FERC recently accepted the intent of LRR 6.<sup>1</sup>

Action.

- < Several inconsistencies were noted in the wording of the exceptions in Appendix B of NRSRC RR and the exceptions in Appendix E of OP1-20 (Ref 8). These are noted in Attachment A to these minutes for future resolution.
- < Mr. Sasson will present the RRS's recommendation (Attachment B) on the NYSRC RR document to the Executive Committee at their next meeting.

### **Action Items from RRS meeting #1**

Review of RRS Scope

- < *Mr. Sasson will present the proposed change in scope at the next NYSRC EC meeting.*  
The NYSRC accepted the proposed changes to the scope at their July 21, 1999 meeting. Mr. Adamson distributed the final RRS scope.
- < *Mr. Adamson will develop a draft process for reviewing, developing and modifying the NYSRC Rules in accordance with Responsibility #1 of RRS Scope.*  
Mr. Adamson distributed a document describing a draft process identified as "n.ama99.71999.wpd".

Formation of an Installed Capacity Working Group (ICAP WG)

- < *Mr. Sasson will contact Mr. Cordeiro to confirm his agreement to Chair the ICAP WG and to set the date for the first meeting.*

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<sup>1</sup> FERC Docket No. ER97-1523-003, et al. ORDER DENYING IN PART AND GRANTING IN PART REHEARING AND CLARIFICATION AND CONDITIONALLY ACCEPTING COMPLIANCE FILING (Issued July 29, 1999).

Mr. Cordeiro confirmed his offer to chair the ICAP WG.

⟨ *Mr. Adamson will develop a draft scope.*

Mr. Adamson distributed the first draft ICAP scope dated 7/15/99.

⟨ *Mr. Cordeiro will organize an orientation for presentation to the RRS.*

No action.

⟨ *Mr. Cordeiro will distribute copies of the proposed NY ISO ICAP manual for the first meeting.*

No action.

### **Next Meeting**

NYPP at 9:30 am. Wednesday, September 8, 1999.

Final Minutes Submitted to RRS by R. Clayton (Secretary) on August 10, 1999.

Table 1 - Existing Source References for NYSRC RR

| NYSRC RR Section | Existing Source | Existing Source Section | Comments   |
|------------------|-----------------|-------------------------|--|
| 2.1              | 1               | 2.1                     |  |
| 2.2              | 1               | 2.2                     |  |
|                  | 2               | 1.0                     |  |
| 3.1              | 3               | All                     |  |
| 3.1.1            | 1               | 3.1                     |  |
| 3.1.2            | 4               | II E3                   | Change, " <i>LSE external installed capability also must have firm transmission to the New York border</i> " to, "The involved parties to a firm transaction must ensure that transmission capability is available to deliver the claimed capability", [Existing source 4, section II E3]. |
| 3.1.3.1          | 5               | IV                      |  |
| 3.1.3.2          | 5               | IV I                    |  |
| 3.1.4            | 4               | V                       |  |
| 3.1.5            | 4               | II                      |  |
| 3.2.1            | 1               | 3.2.1                   |  |
|                  | 2               | 5.0                     |  |
| 3.2.2.1          | 1               | 3.2.2.1                 |  |
| 3.2.2.2          | 1               | 3.2.2.2                 |  |
| 3.2.3            | 1               | 3.2.3                   | Change parenthesis from, " <i>(attached hereto as Exhibit 6)</i> " to " <i>(attached hereto as Exhibit 6 subject to change by NY ISO)</i> ".<br>The RRS understands from NYPP that NYSRC RR Exhibit 4 is being updated to reflect current practice.  |
| 3.2.3.1          | 1               | 3.2.3.1                 |  |
| 3.2.3.2          | 1               | 3.2.3.2                 |  |
| 3.2.4            | 1               | 3.2.4                   |  |
| 3.2.4.1          | 1               | 3.2.4.1                 |  |
| 3.2.4.2          | 1               | 3.2.4.2                 |  |
| 3.2.5            | 1               | 3.2.5                   |  |
| 3.2.6            | 1               | 1.0                     |  |
| 3.2.7            | 1               | 3.2.6                   |  |
| 4.1              | 1               | 4.1                     |  |
|                  | 6               | I                       |  |

|           |    |                       |  |
|-----------|----|-----------------------|--|
|           | 7  | I A                   |  |
| 4.1.1     | 6  | I                     | Change " <i>Power Pool</i> " to "ISO"  |
| 4.1.2     | 6  | II                    |  |
| 4.2.1     | 1  | 4.2.1/4.2.2           |  |
| 4.2.2.1 a | 1  | 4.2.2                 |  |
| 4.2.2.1 b | 1  | 4.2.3                 |  |
| 4.2.2.2 a | 1  | 4.2.2                 |  |
| 4.2.2.2 b | 1  | 4.2.3                 |  |
| 4.2.3     | 1  | 3.2.3                 |  |
| 4.2.3.1   | 1  | 4.2.2 b/4.2.3         |  |
| 4.2.3.2   | 1  | 4.2.2 a/4.2.2 b/4.2.3 |  |
| 4.2.4 a   | 1  | 4.2.2                 |  |
| 4.2.4 b   | 1  | 4.2.3                 |  |
| 4.2.5     | 1  | 4.2.4                 | Change, " <i>Section 4.2.2.2</i> " to " <i>Section 4.2.2.1 b, 4.2.2.2 b, 4.2.3.2, 4.2.4 b</i> ".   |
| 4.2.6     | 1  | 4.2.5                 |  |
| 4.2.7     | 1  | 4.2.6                 |  |
| 4.2.8     | 1  | 4.2.7                 |  |
| 4.3       | 8  | I                     |  |
| 4.4       | 8  | VII D                 |  |
| 4.5       | 8  | VII E                 |  |
| 4.6       | 8  | VII F                 |  |
| 4.7       | 8  | VII G                 |  |
| 4.8       | 8  | VII H                 |  |
| 4.9       | 8  | VII I                 |  |
| 4.10      | 8  | VII J                 |  |
| 4.11      | 8  | VII K                 |  |
| 4.12      | 8  | II                    |  |
| 4.13      | 9  | I                     |  |
| 4.14      | 10 | All                   |  |
| 4.15      | 1  | 1.0                   |  |
| 4.16      | 11 | I                     |  |
| 4.17      | 12 | All                   | Change, " <i>The NYSRC will establish criteria for Protection Systems consistent with NERC, and NPCC criteria, standards and guidelines, PSC directives, and local reliability rules</i> " to " <i>The NYSRC will initially adopt the criteria for Protection Systems defined by NERC and NPCC criteria, standards, procedures and guidelines, and consistent with PSC</i> " |

|                      |    |                                   |  |
|----------------------|----|-----------------------------------|--|
|                      |    |                                   | directives, and local reliability rules".  |
| 4.18                 | 8  | All                               |  |
|                      | 13 | All                               |  |
| 4.19                 | 8  | Appendix E                        | Change, " <i>....., such provisions must be identified as an approved exception...</i> " to " <i>...such provisions must be considered for approval as an exception...</i> ".  |
|                      | 14 | I                                 |  |
| 5.0                  | 13 | 4.03                              |  |
| 6.0                  | 8  | Appendix E                        |  |
|                      | 14 | I                                 |  |
| Appendix B           | 8  | Appendix E                        | Add Exception B 2 from OP1-20, Appendix E  |
| Appendix C<br>- LRR1 | 15 | All                               |  |
|                      | 21 | All                               |  |
| Appendix C<br>- LRR2 | 16 | All                               |  |
|                      | 22 | All                               |  |
| Appendix C<br>- LRR3 | 17 | All                               |  |
| Appendix C<br>- LRR4 | 18 | All                               |  |
| Appendix C<br>- LRR5 | 19 | All                               |  |
| Appendix C<br>- LRR6 | 20 | All                               | Change, " <i>...the TP will have the flexibility to cause additional generating units to be committed for service.</i> " to "the TP will have the flexibility to request additional generating units to be committed for service. The final commitment decision will rest with the ISO and will be posted on the ISO's OASIS." |
|                      | 13 | ISO/TO Agreement,<br>Section 2.06 |  |

Table 2 - Existing Source References

| Reference | Existing Source  |
|-----------|--|
| 1         | "Standards for Planning and Operating the New York Power Pool Bulk Power System". NYPP. November 1, 1996.  |
| 2         | "Basic Criteria for the Design and Operation of Interconnected Systems". NPCC A2. August 9, 1995.  |
| 3         | "Generating Reliability and Reserve Requirements". NYPP. November 1972.<br>"EXHIBIT 3, Generating Capacity Requirements". NYPP. 1976.<br>"Triennial Review of Resource Adequacy". NYPP June 1999.  |
| 4         | "Billing Procedure 4-11, Installed Reserve Requirements". NYPP. April 1, 1993  |
| 5         | "Methods and Procedures 2-12, Uniform method for Rating Generating Capability". NYPP. May 1, 1993  |
| 6         | "Operating Policy 2-22, Operating Reserve Policy". NYPP. July 1, 1997.   |
| 7         | "Operating Policy 7-9, Operation during Reserve Shortages and Load Curtailment Policy". NYPP. September 10, 1998   |
| 8         | "Operating Policy 1-20, Operation of the Bulk Power System". NYPP. January 6, 1997   |
| 9         | "Operating Policy 15-2, Interim Pool Operation". NYPP. April 1, 1993.  |
| 10        | "Methods and Procedures 6-8, Procedures for Developing and approving operating Limits". NYPP. November 1, 1993.  |
| 11        | "Operating Policy 13-4, Restoration Policy". NYPP. September 1, 1986.  |
| 12        | "Methods and Procedures 31-3, System Protection Data". NYPP.<br>"Methods and Procedures 34-1, Maintenance and Testing Capability for Bulk Power System Protection". NYPP<br>"Methods and Procedures 37-1, Power Line Carrier Frequency Coordination". NYPP.  |
| 13        | "Agreement between New York Independent System Operator and Transmission Owners". FERC April 30, 1999 Filing.<br>"Agreement Between the New York Independent System Operator and the New York State Reliability Council". FERC April 30, 1999 Filing.<br>"New York State Reliability Council Agreement". FERC April 30, 1999 Filing. |
| 14        | "Methods and Procedures 29-1, Exceptions to Standards for Planning and Operating the NYPP Bulk Power System". NYPP. September 1, 1990.   |
| 15        | "System Operation Procedure SO17-2-6, Unit Commitment Criteria". ConEd. October 17, 1997.  |
| 16        | "System Operation Procedure SO3-11-6, Con Edison Spinning Reserve". ConEd. August 18, 1998.  |
| 17        | "System Operation Procedure SO3-17-6, Gas Burning Procedure". ConEd. August 1997.  |
| 18        | "System Operation Procedure SO5-2-6, Thunderstorm Watch Procedure".  |

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|    | ConEd. May 12, 1997.   |
| 19 | "Electrical System Consequences of Loss of Iroquois Gas Pipeline Supply when Firing THREE Northport Units at Full Gas Capability and Remaining Northport In-Service and Oil Fired". "Electrical System Consequences of Loss of Iroquois Gas Pipeline Supply when Firing FOUR Northport Units at Full Gas Capability". LIPA. Date???? |
| 20 | "Blue Book, Section II-A-1, Schedule Requirements Day Ahead". NYPP. June 1, 1993.  |
| 21 | "Consolidated Edison Company of New York, Inc., --Interruption of service - Program for system reinforcement." Opinion of Commission. NY PSC. July 19, 1961.   |
| 22 | "Consolidated Edison Company of New York, Inc., Case 27302". NY PSC Order. May 23, 1978.   |